

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

Zernant, Jana 2019 <https://digi.lib.ttu.ee/?12387> [https://www.ester.ee/record=b5235122\\*est](https://www.ester.ee/record=b5235122*est)

**ABCE proteins in plants**

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

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

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

**ABCE1 is essential for S phase progression in human cells**

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

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

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

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

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

**Access to abortion is a human right**

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

**Acetylcholinesterase reactivators based on oxime-functionalized biodegradable ionic liquids**

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

**Acidic pH enhances butyrate production from pectin by faecal microbiota**

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

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

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

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

Liiver, Kristi; Imbeault, Sophie; Školnaja, Marianna; Kaart, Tanel; Kanarik, Margus; Laugus, Karita; De Wettinck, Jade; Pulver, Aleksander; Shimmo, Ruth; Harro, Jaanus Behavioural brain research 2023 / art. 114297 <https://doi.org/10.1016/j.bbr.2023.114297> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

**Adenylate kinase and metabolic signaling in cancer cells**

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

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

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

### **Advances in drug testing using capillary electrophoresis and native fluorescence**

**Bolkvadze, Vyacheslav**; **Saar-Reismaa, Piret**; **Kaljurand, Mihkel**; **Vaher, Merike**; **Gorbatšova, Jelena**; **Mazina-Šinkar, Jekaterina** V4 Symposium Flow Analysis & Capillary Electrophoresis : abstracts 2021 / p. 64  
[https://v4face.project.uj.edu.pl/documents/144328876/0/Book\\_of\\_abstracts\\_FACE+2020.pdf/d09dca39-a279-47c4-90e3-72f05bcd4a1](https://v4face.project.uj.edu.pl/documents/144328876/0/Book_of_abstracts_FACE+2020.pdf/d09dca39-a279-47c4-90e3-72f05bcd4a1)

### **Advances in eco-efficient agriculture: The plant-soil mycobiome**

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

### **Advances in nanomaterials induced biohydrogen production using waste biomass**

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

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

Cronan, John E.; **Lukk, Tiit** Microbiology and Molecular Biology Reviews 2022 <https://doi.org/10.1128/membr.00013-22> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Oja, Karolin**; **Borovkov, Victor**; **Kananovich, Dzmitry**; **Järving, Ivar**; **Lopp, Margus** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdtk.ut.ee/teesid-2018/>

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

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

### **Aerobic oxidations in asymmetric synthesis : catalytic strategies and recent developments**

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

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

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

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

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

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

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

### **Agne. Professor, Märtsijänes ja ema**

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

### **Ainekübeke aitab muuta imiku piimasegu kasulike bakterite peolauaks**

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

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

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

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

**Lopp, Margus** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 140-144  
[http://www.ester.ee/record=b1218094\\*est](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](http://www.ester.ee/record=b4481084*est) [https://issuu.com/meediapilt/docs/toostusest\\_oktoober\\_2019](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](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](http://www.ester.ee/record=b4764891*est) <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/!/9461>

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

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

## **Albumin and heparin together or separately - different outcome on lipoprotein lipaseoligomerization and stability**

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

## **Algteadmised, molekulid ja "keemiavaba maailm"**

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

## **Alkylation of phenols and resorcinols**

**Lopušanskaja, Eleana**; **Paju, Anne**; **Lopp, Margus** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 114 <https://ortus.rtu.lv/science/lv/publications/35091/attachments/7168>

## **Allahinnatud lihakraami tohib sügavkülmas hoida arvatust märksa lühemat aega**

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

## **ALMT-independent guard cell R-type anion currents**

Jaslan, Justyna; Marten, Irene; Jakobson, Liina; Arjus, Triinu; Deeken, Rosalia; **Sarmiento Guerin, Maria Cecilia**; De Angeli, Alexis; Brosche, Mikael; Kollist, Hannes; Hedrich, Rainer New phytologist 2023 / p. 2225-2234 <https://doi.org/10.1111/nph.19124> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Alzheimeri ravi võib peituda mälus**

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

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

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

## **Alternative oxidase-mediated respiration prevents lethal mitochondrial cardiomyopathy**

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

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

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

## **Amateur observers witness the return of Venus' cloud discontinuity**

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

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

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

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

Maser, Andres; Peebo, Karl; Vilu, Raivo; Nahku, Ranno Research in microbiology 2020 / p. 185–193

<https://doi.org/10.1016/j.resmic.2020.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Aminocatalysts are more environmentally friendly than hydrogen-bonding catalysts**

Sihtmäe, Mariliis; Silm, Estelle; Kriis, Kadri; Kahru, Anne; Kanger, Tõnis ChemSusChem 2022 / art. e202201045, 5 p. : ill

<https://doi.org/10.1002/cssc.202201045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **An efficient method for longterm configurational stabilization of chiral tricyclic dipeptide via heterocomplexation approach**

Hu, Xiaoyun; Yin, Zhongyou; Guo, Jianxin; Borovkov, Victor; Shan, Zixing ChemistrySelect 2019 / p. 3210-3213

<https://doi.org/10.1002/slct.201900099>

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

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

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

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

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

Cowart, Anna 2021 <https://digikogu.taltech.ee/et/Item/2f3f9906-0db8-427d-9d88-165f09e3d7da> [https://www.ester.ee/record=b5415281\\*est](https://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 CO<sub>2</sub> assimilation and CO oxidation by diverse bacteria in marine sponges**

Feng, Guofang; Zhang, Fengli; Banakar, Shivakumar; Karlep, Liisi; Li, Zhiyong FEMS Microbiology Ecology 2019 / art. fiz087

<https://doi.org/10.1093/femsec/fiz087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

[Eesti enim levinud uimastid veerand tunniga / novaator.err.ee](#)

### **Analysis of total phenols, sugars, and mineral elements in colored tubers of solanum tuberosum l.**

Saar-Reismaa, Piret; Kotkas, Katrin; Rosenberg, Viive; Kulp, Maria; Kuhtinskaja, Maria; Vaher, Merike Foods 2020 / art. 1862

<https://doi.org/10.3390/foods9121862> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Analytical quality by design concept in environmental analysis**

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

[https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts\\_pub3.pdf](https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf)

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

Zekker, Ivar; Bhowmick, Gourav Dhar; Priks, Hans; Nath, Dibyojyoty; Rikmann, Ergo; Jaagura, Madis Biodegradation 2020 / p. 249 -

264 <https://doi.org/10.1007/s10532-020-09907-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Islam, Muhammad Torequl; Ali, Eunus S.; Uddin, Shaikh Jamal; Gupta, Vijai Kumar Cancer letters 2018 / p. 129-145 : ill

<https://doi.org/10.1016/j.canlet.2018.01.074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Lignell, A.; Osadchuk, Irina; Rasanen, M.; Lundell, J. The astrophysical journal 2021 / 7 p. : ill <https://doi.org/10.3847/1538-4357/ac06d0>

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

### **Anion binding of biotinuril derivatives enhanced by silver cation**



**Silak, Kristjan; Dalidovich, Tatsiana; Shalima, Tatsiana; Kudrjašova, Marina; Ustrnul, Lukas; Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p 35 [https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

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

**Kaabel, Sandra** 2019 <https://digi.lib.ttu.ee/ii/?11236> [https://www.ester.ee/record=b5182788\\*est](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](https://imv.org.ua/wp-content/uploads/2022/12/Conference-materials_2022.pdf)

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

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

**Antibacterial activity of chitosan-silver nanocomposites**

Kasemets, Kaja; **Laanoja, Jüri**; Kahru, Anne Debrecen Colloquium on Carbohydrates 2020 in 2022, August 24-27, 2022 Debrecen, Hungary : program and abstracts 2022 / p. 47 [https://konferencia.unideb.hu/sites/default/files/file\\_uploads/debcarb-abstract-elektronikus-2022-kesz\\_04-cor\\_0.pdf](https://konferencia.unideb.hu/sites/default/files/file_uploads/debcarb-abstract-elektronikus-2022-kesz_04-cor_0.pdf)

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

**Kusumahastuti, Dewi Kurnianingsih Arum**; Sihtmäe, Mariliis; **Kapitanov, Illia**; **Karpichev, Yevgen**; Gathergood, Nicholas; Kahru, Anne Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdk.ut.ee/teesid-2018/>

**Antibacterial activity of positively and negatively charged hematite ( $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>) nanoparticles to Escherichia coli, Staphylococcus aureus and Vibrio fischeri**

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

**Antibiootikumikuur võib soolestiku mikrofloora mitmeks kuuks segamini lüüa**

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

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

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

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

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

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

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

**Antifungal agents in agriculture : friends and foes of public health**

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

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

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

**Antimicrobial activity of commercial photocatalytic SaniTise™ Window glass**

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

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

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

#### **Antioxidative and anti-borrelia activity of phytochemicals in rubiaceae species**

**Laanet, Pille-Riin**; **Saar-Reismaa, Piret**; **Bragina, Olga**; **Jõul, Piia**; **Vaher, Merike** FEBS3+ Conference of Estonian, Latvian and Lithuanian Biochemical Societies : abstract book : Tallinn, Estonia 15–17 June 2022 2022 / p. 104-105 [https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK\\_FEBS32022\\_Tallinn.pdf](https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK_FEBS32022_Tallinn.pdf)

#### **Antioxidative and anti-borrelia effects of plantago species**

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

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

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

#### **Antiviral efficacy of cerium oxide nanoparticles**

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

#### **Antropotseeni saar Paljassaar**

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

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

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

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

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

#### **Apolipoprotein mimetic peptides : potential new therapies for cardiovascular diseases**

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

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

**Rõuk, Kristi**; **Kõllo, Marek**; **Järving, Ivar**; **Lopp, Margus** Proceedings of the Estonian Academy of Sciences 2024 / p. 223-227 : ill <https://doi.org/10.3176/proc.2024.3.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

#### **Application of chiral bifunctional halogen bond catalysts in glycosylation reactions**

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

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

**Martõnova, Jevgenija**; Adamson, Jasper; Kaabel, Sandra; Šubin, Kirill; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 2 [https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdtk.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-olfaaktomeetri (GC-O) rakendusvõimalused ja korreleerimine sensoorse analüüsiga**  
Rosenvald, Sirli 2017 [http://www.estser.ee/record=b4743675\\*est](http://www.estser.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](https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCka+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed)

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

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

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

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

**Applications of fungal cellulases in biofuel production : advances and limitations**

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

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

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

**Arachidonic acid metabolism in marine invertebrates**

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

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

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

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

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

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

Paalme, Toomas; Vilbaste, Allan; Kewai, Kaspar; Nisamedtinov, Ildar; Hälvín, Kristel Analytical and bioanalytical chemistry 2017 / p. 6475-6484 : tab <https://doi.org/10.1007/s00216-017-0592-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Bellavia, Andrea; Zou, Runyu; Bjorvang, Richelle D.; Roos, Kristine; Sjunnesson, Ylva; Hallberg, Ida; Vermeulen, Roel; Salumets, Andres; Velthut-Meikas, Agne; Damdimopoulou, Paulina Environmental research 2023 / art. 114447, 14 p. : ill <https://doi.org/10.1016/j.envres.2022.114447> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

**Asymmetric chemoenzymatic one-pot synthesis of  $\alpha$ -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://www.ester.ee/record=b5459027*est) <https://digikogu.taltech.ee/et/Item/0cf615b8-e406-4531-905b-b97bd1daed83> <https://doi.org/10.23658/taltech.45/2021>

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

Kimm, Mariliis; Järving, Ivar; Ošeka, Maksim; Kanger, Tõnis European journal of organic chemistry 2021 / p. 3113-3120 : ill <https://doi.org/10.1002/ejoc.202100435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kimm, Mariliis; Ošeka, Maksim; Kanger, Tõnis GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 41 [https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

**Asymmetric organocatalytic cascade synthesis of tetrahydrofuranyl spirooxindoles**

Trubitsõn, Dmitri; Žari, Sergei; Kaabel, Sandra; Kudrjašova, Marina; Kriis, Kadri; Järving, Ivar; Pehk, Tõnis; Kanger, Tõnis Synthesis 2018 / p. 314-322 : ill <https://doi.org/10.1055/s-0036-1590918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Silm, Estelle; Järving, Ivar; Kanger, Tõnis Beilstein Journal of Organic Chemistry 2022 / p. 167-173 <https://doi.org/10.3762/bjoc.18.18> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Silm, Estelle; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis Synthesis 2019 / p. 4198-4204 <https://doi.org/10.1055/s-0039-1690484> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Asymmetric organocatalytic Michael Addition-cyclization cascade of cyclopentane-1,2-dione with substituted  $\alpha,\beta$ -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](https://www.ester.ee/record=b5499810*est)

**Asymmetric synthesis of 2,3,4-trisubstituted piperidines**

Kriis, Kadri; Melnik, Triin; Lips, Kristiina; Juhanson, Ilona; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis Synthesis 2017 / p. 604-614 : ill <https://doi.org/10.1055/s-0036-1588299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Elek, Gabor Zoltan; Koppel, Kaur; Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>



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

Konik, Yulia A.; Kananovich, Dzmitry Tetrahedron letters 2020 / art. 152036, 12 p. : ill <https://doi.org/10.1016/j.tetlet.2020.152036>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Gathergood, Nicholas Abstracts : ICCE 2017 Oslo : 16th International Conference on Chemistry and the Environment : Oslo, Norway, 18-22 June 2017 2017 / art. 171, p. [155] [http://icce2017.org/downloads/Abstraktsamling\\_16\\_06\\_17.pdf](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  $\beta$ -CATENIN signaling during early adipogenesis**

Yang, Haojun; Kabin, Ekaterina; Dong, Yixuan; Zhang, X.; Ralle, Martina; Lutsenko, Svetlana Molecular metabolism 2024 / art. 101872, 12 p. : ill <https://doi.org/10.1016/j.molmet.2024.101872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

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

Yakneen, Sergei; Waszak, Sebastian M.; Aminou, Brice; Bartolome, Javier; Boroevich, Keith A.; Boyce, Rich; Brooks, Angela N.; Buchanan, Alex; Buchhalter, Ivo; Butler, Adam P.; Byrne, Niall J.; Cafferkey, Andy; Uusküla-Reimand, Liis Author Correction: Butler enables rapid cloud-based analysis of thousands of human genomes (Nature Biotechnology, (2020), 38, 3, (288-292), 10.1038/s41587-019-0360-3) 2023 / p. 577 <https://doi.org/10.1038/s41587-022-01554-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Author Correction: Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing (Nature Genetics, (2020), 52, 3, (331-341), 10.1038/s41588-019-0576-7)**

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

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

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

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

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

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

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

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

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

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

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

**Author Correction: Genomic basis for RNA alterations in cancer (Nature, (2020), 578, 7793, (129-136), 10.1038/s41586-020-1970-0)**

Calabrese, Claudia; Davidson, Natalie R.; Demircioğlu, Deniz; Fonseca, Nuno A.; He, Yao; Kahles, André; Lehmann, Kjong-Van; Liu, Fenglin; Shiraishi, Yuichi; Soulette, Cameron M.; Urban, Lara; Shiraishi, Yuichi; **Uusküla-Reimand, Liis** Nature 2023 / p. E37 <https://doi.org/10.1038/s41586-022-05596-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

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

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

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

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

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

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

**Author Correction: Pan-cancer analysis of whole genomes identifies driver rearrangements promoted by LINE-1 retrotransposition (Nature Genetics, (2020), 52, 3, (306-319), 10.1038/s41588-019-0562-0)**

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

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

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

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

Reyna, Matthew A.; Haan, David; Paczkowska, Marta; Verbeke, Lieven P. C.; Vazquez, Miguel; Kahraman, Abdullah; Pulido-Tamayo, Sergio; Barenboim, Jonathan; Wadi, Lina; **Uusküla-Reimand, Liis** Nature Communications 2022 / Art. nr. 7566

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

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

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

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

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

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

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

Gerstung, Moritz; Jolly, Clemency; Leshchiner, Ignaty; Dentre, Stefan C.; Gonzalez, Santiago; Rosebrock, Daniel; Mitchell, Thomas J.; 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; Sülthmann, Holger; Moch, Holger; Cooper, Colin S.; Eils, Roland; Ferretti, Vincent; **Uusküla-Reimand, Liis** Nature Genetics 2023 / p. 1077  
<https://doi.org/10.1038/s41588-023-01316-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

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

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

**Autosampler for portable capillary electrophoresis**

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

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

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

**Bakterite imeline maailm; 1. osa**

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

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

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

**Bashir Bashiri: Kuidas algoritm aitab meil tervislikumalt süüa**

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

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

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

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

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

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

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

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

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

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

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

### **Behavior of Estonian oil shale in acidic oxidative conditions**

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

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

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

### **The beneficial effect of reusable food boxes on the green transition**

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

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

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

### **Benign by design - designing chemicals and pharmaceuticals for environmental biodegradation**

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

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

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

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

Yeung, Andy Wai Kan; Orhan, Ilkay Erdogan; Aggarwal, Bharat Bhushan; Battino, Maurizio; Belwal, Tarun; Bishayee, Anupam; Daglia, Maria; Devkota, Hari Prasad; El-Demerdash, Amr; Balacheva, Aneliya A.; Georgieva, Maya G.; **Gupta, Vijai Kumar** *Animal Science Papers and Reports* 2020 / p. 5-19 <https://www.igbzpan.pl/uploaded/FSiBundleContentBlockBundleModelTranslatableBlockTranslatableFilesElement/filePath/1583/str5-20.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Beyond (and back to) Palatini quadratic gravity and inflation**

**Dioguardi, Christian**; Racioppi, Antonio; Tomberg, Eemeli *Journal of cosmology and astroparticle physics* 2024 / art. 041, 25 p. : ill <https://doi.org/10.1088/1475-7516/2024/03/041> [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; Käär, 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 RuO<sub>2</sub>-CuO electrodes outperform RuO<sub>2</sub> electrodes in measuring the pH in food samples**  
**Lazouskaya, Maryna; Vetik, Iuliia**; Tamm, Martti; Uppuluri, Kiranmai; **Scheler, Ott** ACS omega 2023 / p. 13275-13284  
<https://doi.org/10.1021/acsomega.3c00538> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Biobased natural deep eutectic system as versatile solvents : structure, interaction and advanced applications**  
**Usmani, Zeba**; Sharma, Minaxi; Tripathi, Manikant; **Lukk, Tiit; Karpichev, Yevgen**; Gathergood, Nicholas; Singh, Brahma N.; Thakur, Vijay Kumar; Tabatabaei, Meisam; Gupta, Vijai Kumar Science of the total environment 2023 / art. 163002  
<https://doi.org/10.1016/j.scitotenv.2023.163002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Biocontrol of Fusarium wilt of Capsicum annuum by rhizospheric bacteria isolated from turmeric endowed with plant growth promotion and disease suppression potential**  
Passari, Ajit Kumar; Lalsiamthari, P.C.; Zothanpuia; Leo, Vincent Vineeth; Mishra, Vineet Kumar; Yadav, Mukesh Kumar; **Gupta, Vijai Kumar**; Singh, Bhim Pratap European Journal of Plant Pathology 2018 / p. 831 - 846 <https://doi.org/10.1007/s10658-017-1325-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products [Online resource]**  
**Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen**; Kümmerer, Klaus; **Vilu, Raivo; Gathergood, Nicholas** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdk.ut.ee/teesid-2018/>

**Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products**  
**Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen**; Kümmerer, Klaus; Vilu, Raivo; Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 25  
[https://www.unive.it/pag/fileadmin/user\\_upload/extra/SSGC/documenti/Book\\_of\\_abstracts\\_per\\_website\\_23\\_July.pdf](https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf)

**Bioenergy yields from sequential bioethanol and biomethane production: An optimized process flow**  
Rocha-Meneses, Lisandra; **Otor, Oghenetaji Frances; Bonturi, Nemailla**; Orupöld, Kaja; Kikas, Timo Sustainability 2020 / art. 272 <https://doi.org/10.3390/su12010272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Biofabrication of zinc oxide nanoparticles with syzygium aromaticum flower buds extract and finding its novel application in controlling the growth and mycotoxins of Fusarium graminearum**  
Lakshmeesha, Thimappa Ramachandrapa; Kalagatur, Naveen Kumar; Mudili, Venkataramana; Mohan, Chakrabhavi Dhananjaya; Rangappa, Shobith; Prasad, Bangari Daruka; Ashwini, Bagepalli Shivaram; Hashem, Abeer; Alqarawi, Abdulaziz A.; **Gupta, Vijai Kumar** Frontiers in microbiology 2019 / art. 1244, 13 p. : ill <https://doi.org/10.3389/fmicb.2019.01244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Bioinformaatika püüab antikehi uurides leida uudseid ravimeetodeid**  
Alvela, Ain TööstusEST 2023 / lk. 24-26 : portr [https://www.ester.ee/record=b4481084\\*est](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, füüsikalise-keemilised omadused ning rakendatavus toidupakendina**  
**Kõrge, Kristi** 2021 [https://www.ester.ee/record=b5435476\\*est](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/10.2174/138955752099920116163012> [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](#)

### **Boron and Fluorine Co-Doped Graphene/Few-Walled Carbon Nanotube Composite as Highly Active Electrocatalyst for Oxygen Reduction Reaction**

Raudsepp, Ragle; Türk, Karl-Kalev; **Zarmehri, Ehsan**; Joost, Urmas; Rauwel, Protima; Saar, Rando; Mäeorg, Uno; Dyck, Alexaner; Bron, Michael; Chen, Zhongming; Noda, Suguru; Kruusenberg, Ivar; Tammeveski, Kaido *ChemNanoMat* 2024 / art. e202300546, 11 p. : ill <https://doi.org/10.1002/cnma.202300546>

### **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**; Andrewska, 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/>

### **Breaking barriers in organometallic synthesis with a ball mill**

**Kananovich, Dzmitry**; **Nallaparaju, Jagadeesh Varma**; **Sahoo, Suman**; **Aav, Riina** *INCOME* 2025 : Book of Abstracts 2025 / p. 63 [https://www2.hu-berlin.de/income2025-berlin/INCOME2025\\_Program\\_abstracts.pdf](https://www2.hu-berlin.de/income2025-berlin/INCOME2025_Program_abstracts.pdf)

### **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](#)

### **Butyllithium-free access to lithium amide bases via mechanochemistry**

Sahoo, Suman; Trebunski, Martin; Aav, Riina; **Kananovich, Dzmitry** INCOME 2025 : Book of Abstracts 2025 / p. 133  
[https://www2.hu-berlin.de/income2025-berlin/INCOME2025\\_Program\\_abstracts.pdf](https://www2.hu-berlin.de/income2025-berlin/INCOME2025_Program_abstracts.pdf)

### **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; Rütümann, 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](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 rakendamise lipolüütiliste ensüümide mehhanismide uurimiseks**

**Risti, Robert** 2023 <https://doi.org/10.23658/taltech.19/2023> <https://digikogu.taltech.ee/et/Item/40f4a8ba-7a1a-4612-a455-00b1cc0d62d7>  
[https://www.ester.ee/record=b5560479\\*est](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; Paziienza, Valerio Clinical chemistry and laboratory medicine (CCLM) 2017 / p. 138-146 : ill <https://doi.org/10.1515/cclm-2016-1158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Cannabinoids ( $\Delta^9$ -THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter**

**Gorbatšova, Jelena; Bolkvadze, V; Vaher, Merike; Halling, Evelin; Mazina-Šinkar, Jekaterina** Flow Analysis XV, Krakow, Poland, June 26 - July 1, 2022 : book of abstracts 2022 / p. 155  
[https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26\\_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed](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 ( $\Delta^9$ -THC and CBD) quantitative analysis by 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](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](#)

### **$^{13}\text{C}$ - and $^{15}\text{N}$ -labeling of amyloid- $\beta$ and inhibitory peptides to study their interaction via nanoscale infrared spectroscopy**

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

### **Carbonyl hypoidites 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, Ilar; Kanger, Tõnis; Gathergood, Nicholas** IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 24  
[https://www.unive.it/pag/fileadmin/user\\_upload/extra/SSGC/documenti/Book\\_of\\_abstracts\\_per\\_website\\_23\\_July.pdf](https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf)

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

**Silm, Estelle; Pata, Pille; Kruis, Jaqueline Cecilia; Sikerina, Anastassia; Pata, Ilar; Kanger, Tõnis; Gathergood, Nicholas** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdtk.ut.ee/teesid-2018/>

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

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

### **Catalyzed resolution and simultaneous selective crystallization**

Parve, Jaan; Vares, Lauri; Reile, Indrek; Pehk, Tõnis; Villo, Ly; **Parve, Omar** Comprehensive organic chemistry experiments for the laboratory classroom 2017 / p. 931-934 [http://www.ester.ee/record=b4666270\\*est](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://www.ester.ee/record=b5473795*est) <https://digikogu.taltech.ee/et/Item/afdb8f5d-41a6-4bfb-9a66-05653b60c076>  
<https://doi.org/10.23658/taltech.63/2021>

### **CD44 is a negative regulator of angiogenesis and endothelial cell proliferation**

**Pink, Anne; Školnaja, Marianna; Päll, Taavi; Valkna, Andres** 7eme congrès de la Société Française d'Angiogenèse : Toulouse, 23-25 Avril 2017 = 7th meeting of the French Angiogenesis Society : Toulouse, 23-25 April 2017 / 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](https://doi.org/10.1007/978-3-030-17593-1_6) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)



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

**Cabrera-Cabrera, Florencia; Tull, Helena; Capuana, Roberta;** Kasvandik, Sergio; **Timmusk, Tõnis; Koppel, Indrek** Journal of biological chemistry 2023 / art. 105129, 12 p. : ill <https://doi.org/10.1016/j.jbc.2023.105129> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Cellprofiler is a fit tool for droplet digital image analysis**

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

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

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

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

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

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

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

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

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

### **Change in the carbon footprint of Iranians' food consumption from 1961 to 2019 : a decomposition analysis of drivers**

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

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

**Bashiri, Bashir;** Zehtabvar, Mehraz; Gavrilova, Olga; **Vilu, Raivo** 13th International Conference Biosystems Engineering, Tartu, Estonia, May 5-7, 2023 : book of abstracts 2023 / p. 11 [https://dspace.emu.ee/bitstream/handle/10492/8106/ABS\\_2023\\_Book\\_VV.pdf?sequence=4&isAllowed=y](https://dspace.emu.ee/bitstream/handle/10492/8106/ABS_2023_Book_VV.pdf?sequence=4&isAllowed=y) [https://www.ester.ee/record=b5569707\\*est](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 metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

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

**Rosend, Julia; 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;** Rosensvald, Sirli Future foods 2023 / art. 100243, 14 p. : ill

**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, Thi Thuy Tran; 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](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 (UO<sub>2</sub><sup>2+</sup>) ion binding to Amyloid Beta (A $\beta$ ) peptides : effects on A $\beta$  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](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  $\beta$  peptide. Influence of copper ions and effect on fibrillization =**

Metioniini ja histidiini jääkide keemiline modifitseerimine amüloid- $\beta$  peptiidis. Vaskioonide mõju ja efekt fibrillisatsioonile  
Sardis, Merlin 2021 <https://doi.org/10.23658/taltech.19/2021> [https://www.eester.ee/record=b5416905\\*est](https://www.eester.ee/record=b5416905*est)  
<https://digikogu.taltech.ee/et/Item/acced69c-c690-4cb5-a972-48e1c4ae5c66>

**Chemical, metagenomic and sensory differences in kimchi fermented in industrial and laboratory scale**  
**Aus, Emili; Kuldjäär, 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](https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf)

#### **Chiral Auxiliaries and Chirogenesis**

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

#### **Chiral Auxiliaries and Chirogenesis II**

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

#### **Chiral auxiliaries and chirogenesis ii**

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

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

**Kaabel, Sandra; Adamson, Jasper; Topic, Filip; Öeren, Mario; Reimund, Mart; Prigorchenko, Elena; Löökene, Aivar; Aav, Riina** Chemical science 2017 / p. 2184-2190 : ill <https://doi.org/10.1039/C6SC05058A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

**Mishra, Kamini Atindrakumar; Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 21  
[https://fmt.dk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmt.dk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

#### **Chiral heterocycle-based receptors for enantioselective recognition**

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

#### **Chiral heterocycle-based receptors for enantioselective recognition**

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

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

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

#### **Chiral molecular containers hemicucurbiturils - are they symmetric or asymmetric?**

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

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

Magna, Gabriele; **Šakarašvili, Marko;** Stefanelli, Manuela; Giancane, Gabriele; Bettini, Simona; Valli, Ludovico; **Ustrnul, Lukas; Borovkov, Victor; Aav, Riina;** Monti, Donato; Di Natale, Corrado; Paolesse, Roberto ACS applied materials and interfaces 2023 / p. 30674-30683 <https://doi.org/10.1021/acsami.3c05177> [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](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://doi.org/10.1142/9789811259227_0004) [https://www.ester.ee/record=b5748359\\*est](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](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://doi.org/10.1142/9789811259227_0002) [https://www.ester.ee/record=b5748359\\*est](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](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](http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf)

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

Siddaiah, Chandra Nayaka; Prasanth, Keelara Veerappa Harish; Satyanarayana, Niranjan Raj; Mudili, Venkataramana; **Gupta, Vijai Kumar;** Kalagatur, Naveen Kumar; Satyavati, Tara; Dai, Xiao-Feng; Chen, Jie-Yin; Mocan, Andrei Scientific reports 2018 / art. 2485, 14 p. : ill <https://doi.org/10.1038/s41598-017-19016-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

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

**Gorbatšova, Jelena; Kuhtinskaja, Maria; Halling, Evelin; Mazina-Šinkar, Jekaterina** V4 Symposium FLOW ANALYSIS & CAPILLARY ELECTROPHORESIS, Krakow, June 28 – July 1, 2021 : abstracts 2021 / 1 p

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

**Mohan, Mahendra Kothottil; Silenko, Oleg; Krasnou, Illia; Volobujeva, Olga; Kulp, Maria; Ošeka, Maksim; Lukk, Tiit; Karpichev, Yevgen** ChemSusChem 2024 / art. e202301588 <https://doi.org/10.1002/cssc.202301588> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Mohan, Mahendra Kothottil; Silenko, Oleg; Krasnou, Illia; Volobujeva, Olga; Kulp, Maria; Ošeka, Maksim; Lukk, Tiit; Karpichev, Yevgen** ChemRxiv 2023 / 20 p <https://doi.org/10.26434/chemrxiv-2023-w98xc>

#### **Choline hydroxide-based deep eutectic solvents : cellulose dissolution and esterification**

**Prelgauskaitė, Vilte; Tarasova, Elvira; Krumme, Andres** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 85 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

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

Majka, Maciej; Janáková, Eva; **Jakobson, Irena; Järve, Kadri;** Cápál, Petr; Korchanová, Zuzanna; Lampar, Adam; Juračka, Jakub; Valárik, Miroslav Journal of advanced research 2023 / p. 75-85 <https://doi.org/10.1016/j.jare.2023.01.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Fomitšenko, Maria** 2017 [http://www.ester.ee/record=b4748237\\*est](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 RuO<sub>2</sub> pH electrodes**

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

#### **Climate change and antibiotic resistance : a looming global health crisis**



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

**Climate change and infectious diseases : heightened concerns regarding H. pylori**

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

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

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

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

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

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

**Avila-Bolivar, Beatriz; Cepitis, 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)**

**Sinialu, Mari; Järvi, Oliver; Mets, Birgit; Konist, Alar** Bioresource technology 2024 / art. 130086 <https://doi.org/10.1016/j.biortech.2023.130086> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Jõemaa, Rauno; Gyimah, Nafisat; Ashraf, Kanwal; Pärnamets, Kaiser; Zaft, Alexander; Scheler, Ott; Rang, Toomas; Pardy, Tamas** IEEE Access 2023 / p. 104905-104929 <https://doi.org/10.1109/ACCESS.2023.3316726> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Cold adapted fungi from Indian Himalaya : untapped source for bioprospecting**

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

**Colorectal polyps increase the glycolytic activity**

**Rebane-Klemm, Egle; Reinsalu, Leenu; Puurand, Marju; Ševtšuk, Igor; Bogovskaja, Jelena; Suurmaa, Külliki; Valvere, Vahur; Moreno-Sanchez, Rafael; Käämbre, Tuuli** Frontiers in oncology 2023 / art. 1171887, 11 p. : ill <https://doi.org/10.3389/fonc.2023.1171887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

**Risti, Robert; Gunn, Kathryn H.; Hiis-Hommuk, Kristofer; Seeba, Natjan-Naatan; Karimi, Hamed; Villo, Ly; Vendelin, Marko; Neher, Saskia B.; Lõokene, Aivar** PLoS ONE 2023 / art. e0283358, 24 p. : ill <https://doi.org/10.1371/journal.pone.0283358> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Shuai, Shimin; Abascal, Federico; Amin, Samirkumar B.; Bader, Gary D.; Bandopadhyay, Pratiti; Barenboim, Jonathan; Beroukhim, Rameen; Bertl, Johanna; Boroevich, Keith A.; Uusküla-Reimand, Liis** Nature Communications 2020 / art. 734 <https://doi.org/10.1038/s41467-019-13929-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Combining borane catalysis with NHC catalysis for the activation of tertiary amines and aldehydes**

**Kaasik, Mikk** ISySyCat 2025 : International Symposium on Synthesis and Catalysis : Book of Abstracts 2025 / art. P33, p. 193  
[https://media.sci-meet.com/isysycat2025.events.chemistry.pt/cf3dd41f-a822-45f1-a7a8-0e0e8a7acae/AbstractBookISySyCat25Final\\_01092025.pdf](https://media.sci-meet.com/isysycat2025.events.chemistry.pt/cf3dd41f-a822-45f1-a7a8-0e0e8a7acae/AbstractBookISySyCat25Final_01092025.pdf)

**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](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; Koshovi, Oleh Proceedings of the Estonian Academy of Sciences 2024 / p. 332-344 <https://doi.org/10.3176/proc.2024.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Truu, Laura; Roots, Kaisa;** Suurmaa, K.; Rütütmann, 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](https://doi.org/10.26355/mhd_20239_857)

**Comparative analysis of the essential oil of the underground organs of *Valeriana* spp. from different countries**

**Raal, Ain; Kokitko, Valeriia;** Odyntsova, Vira; **Orav, Anne;** Koshovi, Oleh Phytion-International Journal of Experimental Botany 2024 / p. 1365 - 1382 <https://doi.org/10.32604/phyton.2024.053754> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 monosporial and monoteliosporic cultures for unraveling the complexity of molecular pathogenesis of *Tilletia indica* pathogen of wheat**

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

**A compared study of esterified lignin for thermoplastic applications**

**Ho, Tran; Mohan, Mahendra Kothottil; Köster, Carmen; Järvik, Oliver; Kulp, Maria; Karpichev, Yevgen** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 83 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

**Comparison of mechanical and antibacterial properties of TiO<sub>2</sub>/Ag ceramics and Ti6Al4V-TiO<sub>2</sub>/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; Gorbatošova, Jelena; Kaljurand, Mihkel** Electrophoresis 2018 / p. 2877–2883 : ill <https://doi.org/10.1002/elps.201800132> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

### **Complete nucleotide sequence of Solanum nodiflorum mottle virus**

**Sõmera, Merike; Truve, Erkki** Archives of virology 2017 / p. 1731-1736 : ill <https://doi.org/10.1007/s00705-017-3273-9> [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://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; **Bljaghina, Anastassia**; Kince, Tatjana; **Traksmäa, Anna**; Klava, Dace Foods 2023 / art. 155 <https://doi.org/10.3390/foods12010155> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

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

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

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

**Taivosalo, Anastassia**; Kriščiunaite, Tiina; **Seiman, Andrus**; Part, Natalja; Stulova, Irina; **Vilu, Raivo** Journal of dairy science 2018

### **Comprehensive analysis of proteolysis in cheese [Online resource]**

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

### **Comprehensive molecular characterization of mitochondrial genomes in human cancers**

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

### **A comprehensive review on biological properties of citrinin**

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

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

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

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

**Boroznjak, Roman**; **Reut, Jekaterina**; **Tretjakov, Aleksei**; **Lomaka, Andre**; **Õpik, Andres**; **Sõritski, Vitali** Journal of molecular recognition 2017 / art. e2635, p. 1-9 : ill <https://doi.org/10.1002/jmr.2635> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Concepts and criteria defining emerging microbiome applications**

Kostic, Tanja; 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://fntdk.ut.ee/teesid/>

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

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

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

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

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

**Osadchuk, Irina**; **Luts, Hanna-Eliisa**; **Zahharova, Aleksandra**; **Tamm, Toomas**; **Borovkov, Victor** ChemPhysChem 2024 / art. e202400104 <https://doi.org/10.1002/cphc.202400104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Coping diabetes distress : learning, connecting, and engaging**

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



**Copper metabolism in health and disease : focus on copper in adipogenesis and  $\alpha$ -lipoic acid in Wilson disease = Vase ainevahetus tervise ja haiguse tingimustes : fookus vasele adipogeneesil ja  $\alpha$ -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](https://www.ester.ee/record=b5645433*est)

**Copper(I)-binding properties of de-coppering drugs for the treatment of Wilson disease.  $\alpha$ -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)**

**Avasathi, 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**

**Rosensvald, Sirli; Kortessniemi, 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]**

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

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

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

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

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

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

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

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

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

Cardi, Teodoro; Murovec, Jana; Bakhsh, Allah; Boniecka, Justyna; Brueggemann, Tobias; Bull, Simon E.; Eeckhaut, Tom; Fladung, Matthias; Galovic, Vladislava; Linkiewicz, Anna; Lukan, Tjaša; Mafra, Isabel; Michalski, Krzysztof; Kavas, Musa; Nicolia, Alessandro; Nowakowska, Justyna; Sagi, Laszlo; **Sarmiento Guerin, Maria Cecilia**; Yildirim, Kubilay; Zlatkovic, Milica; Hensel, Goetz; Van Laere, Katrijn Trends in plant science 2023 / p. 1144-1165 <https://doi.org/10.1016/j.tplants.2023.05.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cross-kingdom small RNAs among animals, plants and microbes**

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

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

Mangiagalli, Marco; Bar-Dolev, Maya; Tedesco, Pietro; Natalello, Antonino; **Kaleda, Aleksei** The FEBS journal 2017 / p. 163-177 : ill <https://doi.org/10.1111/febs.13965> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at Scopus](#)

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

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

### **Crystal structure and magnetic properties of Peacock- Weakley type polyoxometalates Na<sub>9</sub>[Ln(W<sub>5</sub>O<sub>18</sub>)<sub>2</sub>] (Ln = Tm, Yb): Rare example of Tm(III) SMM**

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

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

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

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

**Volokhova, Maria**; Shugai, Anna; Tsujimoto, Masahiko; Kubo, Anna-Liisa; Telliskivi, Sven; Nigul, Mait; Uudeküll, Peep; Vija, Heiki; Bondarenko, Olesja; Adamson, Jasper; Kahru, Anne; Stern, Raivo; Seiberg, 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; Ustrnül, 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**

**Ustrnül, 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]uriliid, nende süntees, tekkemehhanism ja komplekseerumine** Prigorchenko, Elena 2019 <https://digi.lib.ttu.ee/i/?12083> [https://www.estar.ee/record=b5228157\\*est](https://www.estar.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://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

**Dearomatization of phenols: electrophilic substitution versus addition and ether formation**

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

**Decentralized distributed data structure for bioanalytical laboratory setups**

**Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas** 8th ACM Celebration of Women in Computing : womENCourage 2021, 22-24 September, 2021, Czech Republic 2021 / 2 p. : ill [https://womencourage.acm.org/2021/wp-content/uploads/2021/07/59\\_extendedabstract.pdf](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](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](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](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://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

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

**Kapitanov, Illia; Raba, Grete; Špulak, Marcel; Vilu, Raivo; Karpichev, Yevgen; Gathergood, Nicholas** Journal of Molecular Liquids 2023 / art. 121285 <https://doi.org/10.1016/j.molliq.2023.121285> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

**Designing mineralisable building blocks for greener solvents**

**Raba, Grete; Kapitanov, Illia; Karpichev, Yevgen; Vilu, Raivo; Gathergood, Nicholas** 8th IUPAC International Conference of Green Chemistry : Shangri-La Hotel, Bangkok, Thailand, 9-14 Sept 2018 : poster presentation abstracts 2018 / p. 87 [http://www.greeniupac2018.com/download/8th%20IUPAC%20ICGC%202018\\_Program%20&%20Abstract%20Book\\_Poster%20Abstract.pdf](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://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

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

**Kattel, Anna; Morell, Indrek; Aro, Valter; Lahtvee, Petri-Jaan; Vilu, Raivo; Jöers, Arvi; Nahku, Ranno** Anaerobe 2023 / art. 102680 <https://doi.org/10.1016/j.anaerobe.2022.102680> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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



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

Rollin, Johan; Bester, Rachelle; Brostaux, Yves; Caglayan, Kadriye; De Jonghe, Kris; Eichmeier, Ales; Foucart, Yoika; Haegeman, Annelies; Koloniuk, Igor; Kominek, Petr; Maree, Hans; Onder, Serkan; Posada Cespedes, Susana; Roumi, Vahid; Šafarova, Dana; Schumpp, Olivier; Ulubas Serce, Cigdem; **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&txId=09dcb2e6296ce2f331ac4a8a8f9cf8d6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

**Lees, Heidi; Vaher, Merike; Kaljurand, Mihkel** Electrophoresis 2017 / p. 1075-1082 : ill <https://doi.org/10.1002/elps.201600418> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Arju, Georg** 2022 <https://doi.org/10.23658/taltech.72/2022> <https://digikogu.taltech.ee/et/Item/321e304a-71ec-4331-9459-2ceba20d42ae> [https://www.ester.ee/record=b5530395\\*est](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, Julian Sabedotti**; Brauer, Age; Remm, Mado; Miranda, Everson Alves; Ledesma-Amaro, Rodrigo; **Lahtvee, Petri-Jaan** Metabolic engineering communications 2022 / art. e00200 <https://doi.org/10.1016/j.mec.2022.e00200> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Lees, Heidi** 2018 <https://digi.lib.ttu.ee/i/?10379> [https://www.ester.ee/record=b5148514\\*est](https://www.ester.ee/record=b5148514*est)

**Development of bio-based lignin-furfural adhesives using deep eutectic solvents**

**Solomina, Evelin**; Thevis, W. H. P.; **Kulp, Maria** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 60 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

**Development of catalysts for oxygen electroreduction: a doping approach = Katalüsaatormaterjalide arendamine hapniku redutseerimise tarvis: dopeerimispõhine lähenemine**

**Zarmehri, Ehsan** 2025 [https://www.ester.ee/record=b5762653\\*est](https://www.ester.ee/record=b5762653*est) <https://digikogu.taltech.ee/et/Item/e858a3f4-f230-4c7e-ba9e-deeabf721463> <https://doi.org/10.23658/taltech.69/2025>

**Development of consortia bioprocesses for efficient production of probiotics**

Nahku, Ranno; Aro, Valter; **Kattel, Anna; Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 42

**Development of dearomatization of phenols with alkyl electrophiles**

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

**The development of electro-organocatalytic enantioselective cascade Michael reaction**

**Krech, Anastasiya; Laktsevich-Iskryk, Marharyta; Ošeka, Maksim** Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / p. 78 [https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024\\_Abtract-Book.pdf](https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-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](https://aps.emu.ee/aloartiklid/2021_foodbalt.pdf)

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

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

## Development of mechanochemical c–n bond forming reactions

**Dalidovich, Tatsiana**; Mishra, Kamini Atindrakumar; Shalima, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 27 [https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

## Development of microbiome biobanks – challenges and opportunities

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

## Development of potent microtubule targeting agent by structural simplification of natural diazonamide

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

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

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

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

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

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

**Metsala, Andrus**; Kriis, Kadri; Kaasik, Mikk; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P83, p. 102 [https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024\\_Abstract-Book.pdf](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#.Y9lDaHbMKUk>

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

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

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

**Kuldjärv, Rain**; Jagomäe, Annika; Kiiker, Liisa; Jõelet, Ann; Pihelgas, Susan 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 [https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt\\_2023/menu\\_attachments/FoodBalt\\_2023\\_Abstract\\_book.pdf](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**; Lõhela, Helike; Samel, Nigulas XVth International Conference of the Lithuanian Biochemical Society : the

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

**Jaago, Mariliis; Rähni, Annika;** Pupina, Nadezda; **Sadam, Helle; Tuvikene, Jürgen; Avarlaid, Annela;** Planken, Anu; Planken, Margus; Haring, Liina; Vasar, Eero; Bacevic, Miljana; Lambert, France; Kalso, Eija; Pussinen, Pirkko; Tienari, Pentti J.; Vaheri, Antti; Lindholm, Dan; **Timmusk, Tõnis;** Ghaemmaghami, Amir M.; Palm, Kaia Scientific reports 2022 / art. 16817 : ill <https://doi.org/10.1038/s41598-022-20849-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Differential regulation of the BDNF gene in cortical and hippocampal neurons**

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

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

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

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

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

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

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

**Dikarboksüülhapete stabiilsus oksüdatsioonil õhuhapnikuga vesikeskkonnas**

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

**A direct alkylation of resorcinols**

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

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

Yin, Zhongyou; Guo, Jianxin; Zhang, Rui; **Borovkov, Victor** The journal of organic chemistry 2020 / p. 10369-10377 : ill <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 conversion of lignin into antibacterial carbon nanomaterials without organofunctionalization**

**Mikhrallieva, Albina; Bragina, Olga;** Zaitsev, Volodymyr; **Karpichev, Yevgen** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 52 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

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

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

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

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

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

Akdemir, Kadir Caner; Le, Victoria T.; Chandran, Sahaana; Li, Yilong; Verhaak, Roel G.W.; Beroukhi, Rameen; Campbell, Peter J.; Chin, Lynda; Dixon, Jesse R.; Futreal, Phillip Andrew; **Uusküla-Reimand, Liis** Nature Genetics 2020 / p. 294 - 305

<https://doi.org/10.1038/s41588-019-0564-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Esvald, Eli-Eelika** 2023 <https://doi.org/10.23658/taltech.32/2023> <https://digikogu.taltech.ee/et/Item/6222c009-c82d-4efb-98c2-51bf2f148b52>  
[https://www.ester.ee/record=b5567508\\*est](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; **Löhela, Helike** Archives of biochemistry and biophysics 2019 / art. 108126, 10 p. : ill <https://doi.org/10.1016/j.abb.2019.108126> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Divergence between bread wheat and Triticum militinae in the powdery mildew resistance QPm.tut14A locus and its implications for cloning of the resistance gene**

Janáková, Eva; **Jakobson, Irena**; **Peuša, Hilma**; **Järve, Kadri** Theoretical and applied genetics 2019 / p. 1061–1072 : ill <https://doi.org/10.1007/s00122-018-3259-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

**Elek, Gabor Zoltan** ESOC 2019 : 21st European Symposium on Organic Chemistry, July 14-18, 2019, Vienna, Austria : abstracts 2019 / PO-381 ; p. 143 [http://esoc2019.conf.tuwien.ac.at/fileadmin/ESOC2019/files/ESOC2019\\_web.pdf](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](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 tähtsat rolli [Võrguväljaanne]**

Velthut-Meikas, Agne novaator.err.ee 2021 [Doktoritöö: mikroRNA mängib viljakuse tagamisel arvatust tähtsat 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://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html)  
[https://artiklid.elnet.ee/record=b2827018\\*est](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](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](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://www.ester.ee/record=b5436547*est) <https://digikogu.taltech.ee/et/Item/bae0391e-b57c-476d-acda-6cd147ee55d0>

**Editorial : regulatory networks in genome stability pathways**

Ashton, Nicholas W.; Prakash, Aishwarya; Moiseeva, Tatiana Frontiers in Genetics 2023 / art. 1171136

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

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

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

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

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

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

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

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

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

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

Palumaa, Peep Õhtuleht 2020 / Lk. 6 <https://tervis.oh tuleht.ee/995397/eesti-biokeemik-hoiatab-koroonaviirus-pusib-nakkusohtlikuna-ohus->

[mitu-tundi-pindadel-iseigi-mitu-paeva https://www.ester.ee/record=b1408161\\*est](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!](https://www.ester.ee/record=b1408161*est)

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

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

**Eesti biokeemik: peame end kaitsma surmava viirusedoosi eest kõigi võimalike vahenditega!**  
Palumaa, Peep Õhtuleht 2020 / Lk. 4-5 : portr [https://www.ester.ee/record=b1408161\\*est](https://www.ester.ee/record=b1408161*est)

**Eesti iduettevõtte kaasas alternatiivsete õlide ja rasvade loomiseks miljon eurot**  
toostusuudised.ee 2023 [Eesti iduettevõtte kaasas alternatiivsete õlide ja rasvade loomiseks miljon eurot](https://toostusuudised.ee/2023/04/20/eesti-iduettevotte-kaasas-alternatiivsete-olide-ja-rasvade-loomiseks-miljon-eurot) [Eesti idu sai alternatiivsete õlide ja rasvade loomiseks miljon eurot](https://toostusuudised.ee/2023/04/20/eesti-idu-sai-alternatiivsete-olide-ja-rasvade-loomiseks-miljon-eurot)

**Eesti iduettevõtte ÄIO sai investoritelt demotehase ehituseks kuus miljonit eurot**  
arileht.delfi.ee 2024 [Eesti iduettevõtte ÄIO sai investoritelt demotehase ehituseks kuus miljonit eurot](https://arileht.delfi.ee/artikkel/87390881/eesti-idu-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](https://novaator.err.ee/2020/04/20/eesti-inimesed-tarvitavad-kiudaineid-soovitatust-sageli-vahe)

**Eesti ja Taani teadlased leidsid soolestiku tervendamisel abi viirustest**  
novaator.err.ee 2025 [Eesti ja Taani teadlased leidsid soolestiku tervendamisel abi viirustest](https://novaator.err.ee/2025/04/20/eesti-ja-taani-teadlased-leidsid-soolestiku-tervendamisest-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](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](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](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://tervise.geenius.ee/2023/04/20/eesti-neuroteadlased-avastasid-uue-ajus-olulise-dna-elementi) <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](https://epl.delfi.ee/2023/04/20/eesti-noorteadlase-laboris-voib-syndida-rinnapiimarevolutsioon)

**Eesti oma supertoidud : elurõõmu ja tervise allikad**  
Vokk, Raivo; Virkus, Lia; Enden, Pille 2017 [http://www.ester.ee/record=b4658998\\*est](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.ester.ee/record=b5722633*est) [https://www.tai.ee/sites/default/files/2025-01/tabelraamat\\_13.1.25.pdf](https://www.tai.ee/sites/default/files/2025-01/tabelraamat_13.1.25.pdf)

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

**Eesti suir käis terviseuuringutel**  
Vahe, Merike Mesinik : mesindusajakiri 2023 / lk. 27-29 : fot [https://www.ester.ee/record=b1072594\\*est](https://www.ester.ee/record=b1072594*est)

**Eesti süvatehnoloogia lipulaevad, kes suutsid kehvast majandusest raha kaasata**  
geenius.ee 2024 [Eesti süvatehnoloogia lipulaevad, kes suutsid kehvast majandusest raha kaasata](https://geenius.ee/2024/04/20/eesti-syvatehnoloogia-lipulaevad-kes-suutsid-kehvast-majandusest-rahha-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](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-uumoodi-depressiooniravile>  
<https://doi.org/10.1523/JNEUROSCI.0313-24.2025>

### **Eesti teadlaste loodud meetod teeb ravimitootmise keskkonnasõbralikumaks [Võrguväljaanne]**

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

### **Eesti Teadusagentuuri roll teadusriikka Eesti kujundamisel [Võrguväljaanne]**

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

### **Eesti teraviljadel esinevad viirushaigused**

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

### **Eesti toitumis- ja liikumissoovitused 2015 [Võrguteavik]**

**Pitsi, Tagli**; Zilmer, Mihkel; Vaask, Sirje; **Liebert, Tiiu** 2017 [http://www.ester.ee/record=b4654355\\*est](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 maakoorest levinud metalle**

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

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

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

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

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

### **Eestlaste menüüs napib kiudaineid**

Imeline Teadus 2020 / lk. 20 : fot [https://www.ester.ee/record=b2747925\\*est](https://www.ester.ee/record=b2747925*est)

### **Eestlastel on liiga madal seleenitase**

Viitak, Anu Äripäev 2018 / Terviseuudised, lk. 3

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

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

<https://cespringmeeting2020.eu/abstract-book/> [https://cespringmeeting2020.eu/wp-content/uploads/2022/05/CE2022\\_AbstractBook-SOU-Preview.pdf](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; Slepeliene, Alvyra; Lepane, Viia

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

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

Traksmäa, Anna; Kaleda, Aleksei; Nurme, Britta; Laos, Katrin Agronomy research 2023 / 13 p. : ill <https://doi.org/10.1515/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](https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf)

### **Effect of $\beta$ -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 Zn<sup>2+</sup> ions and environmental conditions on the fibrillization of insulin = Zn<sup>2+</sup> ionide ja keskkonnatingimuste mõju insuliini fibrillatsioonile**

Noormägi, Andra 2018 <https://digi.lib.ttu.ee/i/?10378> [https://www.ester.ee/record=b5148492\\*est](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](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 $\beta$ -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](http://www.ester.ee/record=b4764891*est) <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/i/?9461>

#### **Ehitusmaavarakarjäärde bioloogiline korrastamine [Võrguteavik]**

**Rammul, Üllar**; Keerberg, Liis; Timm, Uudo; Reimann, Margus; Niidas, Aadu Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 152-208 : fot [http://www.ester.ee/record=b4764891\\*est](http://www.ester.ee/record=b4764891*est) <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/i/?9461>

#### **Eicosanoid diversity of stony corals**

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

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

Avarlaid, Annela; Esvald, Eli-Eelika; Koppel, Indrek; Parkman, Annabel; Zhuravskaya, Anna; Makeyev, Eugene V.; **Tuvikene, Jürgen**; Timmusk, Tõnis Glia 2024 / p. 90-110 : ill <https://doi.org/10.1002/glia.24463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Eksperdid arutlevad: kas mahetoit teeb meid tervemaks?**

Iives, Liis geenius.ee 2025 <https://tervise.geenius.ee/rubriik/heatervis/eksperdid-arutlevad-kas-mahetoit-teeb-meid-tervemaks/>

#### **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 ferrier rearrangement in flow**

**Suman, Pallav; Ošeka, Maksim** ISySyCat 2025 : International Symposium on Synthesis and Catalysis : Book of Abstracts 2025 / art. P69, p. 229 [https://media.sci-meet.com/isysycat2025.events.chemistry.pt/cf3dd41f-a822-45f1-a7a8-0e0e8a7acae/AbstractBookISySyCat25Final\\_01092025.pdf](https://media.sci-meet.com/isysycat2025.events.chemistry.pt/cf3dd41f-a822-45f1-a7a8-0e0e8a7acae/AbstractBookISySyCat25Final_01092025.pdf)

#### **Electrochemical hydroxylation of electron-rich arenes in continuous flow**

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

#### **ELIMÄKI Locus is required for vertical proprioceptive response in birch trees**

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

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

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

### Emissions from livestock and manure management

**Gavrilova, Olga** 2019 Refinement to the 2006 IPCC guidelines for national greenhouse gas inventories ; vol. 4 2019 / 209 p. : ill  
[https://www.ipcc-nggip.iges.or.jp/public/2019rf/pdf/4\\_Volume4/19R\\_V4\\_Ch10\\_Livestock.pdf](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 Synthetium (BOS 2024) : Book of Abstracts 2024 / art. P47, p. 66 [https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024\\_Abstract-Book.pdf](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](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://fmdtk.ut.ee/teesid-2018/>

### Enantioselective N-alkylation of indole derivatives [Online resource]

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

### **Enantioselective N-Alkylation of Nitroindoles under Phase-Transfer Catalysis**

**Trubitsõn, Dmitri; Martõnova, Jevgenija; Erkman, Kristin; Metsala, Andrus;** Saame, Jaan; Köster, Kristjan; **Järving, Ivar;** Leito, Ivo; **Kanger, Tõnis** Synthesis 2020 / p. 1047-1059 <https://doi.org/10.1055/s-0039-1690751> [Journal metrics at Scopus](#) [Article at 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://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### **Enantioselective one-pot synthesis of $\alpha,\beta$ -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://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fntdk.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](http://www.openreadings.eu/wp-content/uploads/2017/03/OR2017_abstracts_book.pdf)

### **End elusrakkude olemusse puuritud õpetlane tähistab juubelit**

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

### **An endogenous suppressor of RNA silencing in Arabidopsis thaliana**

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

### **Endolichenic Fungi: a hidden reservoir of next generation biopharmaceuticals**

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

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

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

### **Endometrial receptivity revisited : endometrial transcriptome adjusted for tissue cellular heterogeneity**

**Suhorutshenko, Marina; Kukushkina, Viktorija; Velthut-Meikas, Agne;** Altmäe, Signe; Peters, Maire; Mägi, Reedik; Krjutškov, Kaarel; Koel, Mariann; Codoñer, Francisco M.; Martinez-Blanch, Juan Fco Human reproduction 2018 / 12 p. : ill <https://doi.org/10.1093/humrep/dey301> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Endophytic fungi-alternative sources of cytotoxic compounds : a review**

**Uzma, Faszilath; Mohan, Chakrabhavi D.; Hashem, Arbeer; Gupta, Vijai Kumar** Frontiers in pharmacology 2018 / art. 309, 37 p. : ill <https://doi.org/10.3389/fphar.2018.00309> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Energy metabolic plasticity of colorectal cancer cells as a determinant of tumor growth and metastasis**

**Reinsalu, Leenu;** Puurand, Marju; Tšekulajev, Vladimir; **Miller, Sten;** Ševtšuk, Igor; Tepp, Kersti; **Rebane-Klemm, Egle;** Timohhina, Natalja; Terasmaa, Anton; Käämbre, Tuuli Frontiers in Oncology 2021 / Art. nr. 698951 <https://doi.org/10.3389/fonc.2021.698951> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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



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

### **Energy Metabolism Profiling of Human Colorectal Tumours**

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

### **Energy production from steam gasification processes and parameters that contemplate in biomass gasifier – a review**

Singh Siwal, Samarjeet; Zhang, Qibo; Sun, Changbin; Thakur, Sourbh; **Gupta, Vijai Kumar;** Kumar Thakur, Vijay Bioresource Technology 2020 / Art. nr. 122481 <https://doi.org/10.1016/j.biortech.2019.122481> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Engineered microbes for pigment production using waste biomass**

**Usmani, Zeba;** Sharma, Minaxi; Sudheer, Surya; Gupta, Vijai Kumar; Bhat, Rajeev Current genomics 2020 / p. 80-95  
<https://doi.org/10.2174/1389202921999200330152007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Engineered microbial host selection for value-added bioproducts from lignocellulose**

Paula, Renato Graciano de; Antoniêto, Amanda Cristina Campos; **Gupta, Vijai Kumar** Biotechnology Advances 2019 / art. 107347, 18 p. : ill <https://doi.org/10.1016/j.biotechadv.2019.02.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Engineered resistant-starch (ERS) diet shapes colon microbiota profile in parallel with the retardation of tumor growth in In Vitro and In Vivo pancreatic cancer models**

Panebianco, Concetta; **Adamberg, Kaarel; Adamberg, Signe; Jaagura, Madis; Kolk, Kaia; Vilu, Raivo** Nutrients 2017 / art. 331, p. 1-16 : ill <https://doi.org/10.3390/nu9040331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Enhanced bioremediation of pulp effluents through improved enzymatic treatment strategies : a greener approach**

Dixit, Mandeep; Gupta, Guddu Kumar; **Usmani, Zeba;** Sharma, Minaxi; Shukla, Pratyosh Renewable and Sustainable Energy Reviews 2021 / Art. 111664 <https://doi.org/10.1016/j.rser.2021.111664> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhanced efficiency of nitrifying-anammox sequencing batch reactor achieved at low decrease rates of oxidation-reduction potential**

Zekker, Ivar; Kivirüüt, Aimar; Rikmann, Ergo; Mandel, Anni; **Jaagura, Madis;** Tenno, Toomas; Artemchuk, Oleg; Rubin, Sergio Dc; Tenno, Taavo Environmental Engineering Science 2019 / p. 350-360 <https://doi.org/10.1089/ees.2018.0225> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhanced sensing properties of cobalt bis-porphyrin derivative thin films by a magneto-plasmonic-opto-chemical sensor**

Colombelli, A.; Manera, Maria Grazia; **Borovkov, Victor;** Giancane, Gabriele Sensors and actuators B : chemical 2017 / p. 1039-1048 : ill <https://doi.org/10.1016/j.snb.2017.01.192> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhanced visible and ultraviolet light-induced gas-phase photocatalytic activity of TiO2 thin films modified by increased amount of acetylacetone in precursor solution for spray pyrolysis**

**Spiridonova, Jekaterina; Mere, Arvo; Krunks, Malle; Rosenberg, Merilin;** Kahru, Anne; **Danilson, Mati; Kritševskaja, Marina; Oja Acik, Ilona** Catalysts 2020 / 21 p. : ill <https://doi.org/10.3390/catal10091011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhancement of anoxic phosphorus uptake of denitrifying phosphorus removal process by biomass adaption**

Mandel, Anni; Zekker, Ivar; **Jaagura, Madis;** Tenno, Taavo International journal of environmental science and technology 2019 / p. 5965–5978 : ill <https://doi.org/10.1007/s13762-018-02194-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhancement of disease resistance, growth potential, and photosynthesis in tomato (Solanum lycopersicum) by inoculation with an endophytic actinobacterium, Streptomyces thermocarboxydus strain BPSAC147**

Passari, Ajit Kumar; Upadhyaya, Kalidas; Singh, Garima; Abdel-Azeem, Ahmed M.; Thankappan, Sugitha; Uthandi, Sivakumar; Hashem, Abeer; **Abd-Allah, Elsayed Fathi; Malik, Jahangir Ahmed; As, Alqarawi** PLoS ONE 2019 / art. e0219014, 20 p. : ill <https://doi.org/10.1371/journal.pone.0219014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Enzymatic conversion of hydrolysis lignin - a potential biorefinery approach**

Khan, Sharib; Puss, Kait Kaarel; **Lukk, Tiit**; Loog, Mart; Kikas, Timo; Salmar, Siim Energies 2023 / art. 370, 13 p. : ill  
<https://doi.org/10.3390/en16010370> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enzymatic synthesis and polymerization of isosorbide-based monomethacrylates for high-Tg plastics**

Matt, Livia; **Parve, Jaan; Parve, Omar**; Pehk, Tõnis; Liblikas, Ilme; Vares, Lauri; Jannasch, Patric ACS sustainable chemistry & engineering 2018 / p. 17382-17390 <https://doi.org/10.1021/acssuschemeng.8b05074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enzymatic ways for desymmetrization of malonic derivatives**

**Murre, Aleksandra; Erkman, Kristin; Kanger, Tõnis** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 64 : ill <http://fmdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### **Environmental and economic life cycle assessment of enzymatic hydrolysis-based fish protein and oil extraction**

**Bashiri, Bashir**; Cropotova, Janna; Kvangarsnes, Kristine; Gavrilova, Olga; **Vilu, Raivo** Resources 2024 / art. 61  
<https://doi.org/10.3390/resources13050061> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Eosinophils role in melanoma progression**

**Teras, Roland Martin**; Di Giovanni, Emilia; **Rump, Airi**; Truumees, Birgit; Putnik, Teele; **Teras, Jüri**; Rüütel Boudinot, Sirje European journal of surgical oncology : Abstracts 2023 / p. e168 <https://doi.org/10.1016/j.ejso.2022.11.463>

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

Visser, Nadja; Silva, Antero Vieira; Tarvainen, Ilari; Damdimopoulos, Anastasios; Davey, Eva; **Roos, Kristine**; Björvang, Richelle D.; Kallak, Theodora Kunovac; Lager, Susanne; Lavogina, Darja; Laws, Mary; Pilttonen, 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; Ciatelli, Angela; Castiglione, Stefano; Agius, Dolores R.; Orhun, Gul Ebru; Fragkostefanakis, Sotirios; Leclercq, Julie; Dobranszki, Judit; **Sömera, 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 $\alpha$ -naftoolide süntees ja dearomatiseerimine**

**Larin, Anni; Paju, Anne; Lopp, Margus** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 21 : ill

### **Erratum to "Physicochemical, textural, and sensorial properties of fibrous meat analogs from oat-pea protein blends extruded at different moistures, temperatures, and screw speeds" [Future Foods, 4 (2021) 100092]**

Kaleda, Aleksei; Talvistu, Karel; **Vaikma, Helen**; **Tammik, Mari-Liis**; **Rosenvald, Sirli**; **Vilu, Raivo** Future foods 2022 / art. 100162  
<https://doi.org/10.1016/j.fufo.2022.100162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Erratum to: Assessment of Blood Contamination in Biological Fluids Using MALDI-TOF MS (Protein J, 10.1007/s10930-016-9657-y)**

**Laks, Katrina; Kirsipuu, Tiina; Dmitrijeva, Tuuli**; Salumets, Andres; **Palumaa, Peep** Protein Journal 2016 / p. 177 - 178  
<https://doi.org/10.1007/s10930-016-9660-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Erratum: author correction: Alleviation of drought stress in pulse crops with ACC deaminase producing rhizobacteria isolated from acidic soil of Northeast India (Scientific reports (2018) 8 1 (3560))**

Saikia, Juthika; Sarma, Rupak K.; Dhandia, Rajashree; Yadav, Archana; Bharali, Rupjyoti; **Gupta, Vijai Kumar**; Saikia, Ratul

Scientific reports 2018 / art. 7000, 1 p. <https://doi.org/10.1038/s41598-018-25174-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Erratum: author correction: Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production (Scientific reports (2017) 7 1 (11809))**

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar; Sarma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap** Scientific reports 2018 / art. 4650, 1 p. <https://doi.org/10.1038/s41598-018-22947-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Erratum: Microbiome definition re-visited: old concepts and new challenges (Microbiome (2020) 8 (103) DOI: 10.1186/s40168-020-00875-0)**

Berg, Gabriele; Rybakova, Daria; Fischer, Doreen; Cernava, Tomislav; Vergès, Marie-Christine Champomier; Charles, Trevor C.; Chen, Xiaoyulong; Cocolin, Luca; Eversole, Kellye; **Sarand, Inga** Microbiome 2020 / art. 119, 1 p. <https://doi.org/10.1186/s40168-020-00905-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Ambers, Angie D.; Churchill, Jennifer D.; King, Jonathan L.; **Stoljarova, Monika**; Gill-King, Harrell; Assidi, Mourad; Abu-Elmagd, Muhammad; Buhmeida, Abdelbaset; Al-Qahtani, Mohammed; Budowle, Bruce BMC genomics 2017 / art. 312, 1 p. <https://doi.org/10.1186/s12864-017-3648-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Essential oil from onion**

**Lõugas, Tiina**; Tõnisson, Hanna Reti 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 133

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

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

**Estonian honey as an anti-Borrelia agent**

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

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

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

**Ethane-bridged bisporphyrin conformational changes as an effective analytical tool for nonenzymatic detection of urea in the physiological range**

Buccolieri, Alessandro; **Hasan, Mohammed**; Bettini, Simona; **Borovkov, Victor** Analytical chemistry 2018 / p. 6952-6958 : ill <https://doi.org/10.1021/acs.analchem.8b01230> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluating the effect of different fibers on a simplified gut microbiota**

**Aro, Valter; Kattel, Anna; Nahku, Ranno**; Viirard, Ene; **Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 19 [https://tftak.eu/foodbalt/assets/files/Foodbalt\\_Book\\_of\\_Abstacts.pdf](https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf)

**Evaluating the impact of toxicities in hemicellulosic hydrolysates during biotechnological valorisation processes**

**Lipova, Inna**; Axelrud Nunes, Andreia; Bonturi, Nemailla; **Lahtvee, Petri-Jaan** Conference materials "Youth and modern problems of microbiology and virology" : IV young scientists conference, Kyiv, Ukraine, 15-17 November 2022 : Abstracts book 2022 / p. 15 [https://imv.org.ua/wp-content/uploads/2022/12/Conference-materials\\_2022.pdf](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; Gorbatsšova, 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; **Rekena, Alina**; Fornstad, Matilda; **Lahtvee, Petri-Jaan**; Van Maris, Antonius J. A. Metabolic engineering 2024 / p. 49-59 <https://doi.org/10.1016/j.jmben.2024.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluation of freshwater using chromatographic analyses of dissolved organic matter data from the hypertrophic river Vääna, Estonia**

Lepane, Viia Sustainability 2023 / art. 16819 <https://doi.org/10.3390/su152416819> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluation of microbial dynamics of kombucha consortia upon continuous backslipping 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 Zn<sup>2+</sup>- and Cu<sup>2+</sup>-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; Traksmäe, 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 sekveneermise ja järgmise põlvkonna faagidisplei kasutamine inimese eksposoomi kirjeldamisel**

Jaago, Mariliis 2023 <https://doi.org/10.23658/taltech.56/2023> <https://digikogu.taltech.ee/et/Item/0220f3e8-c452-4c02-a117-d8c343375d24> [https://www.ester.ee/record=b5645213\\*est](https://www.ester.ee/record=b5645213*est)

**Exploring different methods for valorising oil shale ash into calcium and magnesium acetate de-icers**

Muldma, Kati; Mets, Birgit; Siirde, Andres; Umerenkova, Violetta; Lopp, Margus; Kaldas, Kristiina Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 27 ; poster 18 [https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts\\_pub3.pdf](https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf)

**Exploring the potential of microbial biomass and microbial extracted oils in tribology: a sustainable frontier for environmentally acceptable lubricants**

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

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

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

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

Kattel, Anna; Aro, Valter; Lahtvee, Petri-Jaan; Kazantseva, Jekaterina; Jöers, Arvi; Nahku, Ranno; Belouah, Isma MicrobiologyOpen 2024 / art. e1430 <https://doi.org/10.1002/mbo3.1430> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)



**Exposure to sublethal concentrations of Co<sub>3</sub>O<sub>4</sub> and Mn<sub>2</sub>O<sub>3</sub> 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](https://www.ester.ee/record=b5524927*est)

**Fabrication, potentiometric characterization, and application of screen-printed RuO<sub>2</sub> pH electrodes for water quality testing**

Uppuluri, Kiranmai; Lazouskaya, Maryna; Szwagierczak, Dorota; Zaraska, Krzysztof; Tamm, Martti Sensors 2021 / art. 5399, 15 p. : ill <https://doi.org/10.3390/s21165399> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Facile and environmentally benign aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts [Online resource]**

Maljutenko, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Lopp, Margus Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

**Factors predicting toxicity and response following isolated limb infusion for melanoma: An international multi-centre study**

Kenyon-Smith, Tim; Kroon, Hidde M.; Miura, John T.; Teras, Jüri European journal of surgical oncology 2020 / p. 2140-2146 <https://doi.org/10.1016/j.ejso.2020.06.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Fast reaction yield monitoring by ce analysis of dicarboxylic acids in kerogen valorisation process**

Muldma, Kati; Umerenkova, Violetta; Närep, Angelica; Kontson, Tiina; Kaldas, Kristiina Euroanalysis 2025 : XXII European Conference on Analytical Chemistry : Abstract Book 2025 / art. P1-094 ; p. 459 [https://www.euroanalysis2025.com/images/site/abstracts/ABSTRACT\\_EUROANALYSIS\\_2025.V13.pdf](https://www.euroanalysis2025.com/images/site/abstracts/ABSTRACT_EUROANALYSIS_2025.V13.pdf)

**Fast reaction yield monitoring by ce analysis of dicarboxylic acids in kerogen valorisation process**

Umerenkova, Violetta; Muldma, Kati; Närep, Angelica; Mets, Birgit; Kaldas, Kristiina EcoBalt2025 : Book of abstracts 2025 / p. 50 [https://ecobalt.ftmc.lt/wp-content/uploads/2025/10/EcoBalt2025\\_Book\\_of\\_Abstracts\\_V1-cor1\\_2025-10-24.pdf](https://ecobalt.ftmc.lt/wp-content/uploads/2025/10/EcoBalt2025_Book_of_Abstracts_V1-cor1_2025-10-24.pdf)

**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->

**Fenoolide dearomatiseerimine : elektrofilne asendus versus elektrofilne liitumine**

Lopušanskaja, Eleana; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 23 : ill

**Fermentation of non-dairy milks by commercial starter cultures : microcalorimetric approach**

Stulova, Irina; **Orgusaar, Kaisa**; Part, Natalja; Viirard, Ene; **Vilu, Raivo** 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry & 14th Mediterranean Conference on Calorimetry and Thermal Analysis , 27-30 August 2019, Roma, Italy: CEEC-TAC5 & Medicta2019 : book of abstracts 2019 / p. 220 <http://www.ceec-tac.org/download.php?f=../download/BoA%20CEEC-TAC5%20Medicta2019.pdf>

**Fermentatsioonist - ausalt ja avameelselt : hapendamise aabits**

Kuldjärv, Rain 2023 [https://www.ester.ee/record=b5569705\\*est](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.; Pereboyshuk, O.; **Sõmera, Merike; Truve, Erkki** Acta virologica 2017 / p. 498-499 [https://doi.org/10.4149/av\\_2017\\_415](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://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; **Tönismann, 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\\_Abtract-Book.pdf](https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf)

#### **Formation and trapping of the thermodynamically unfavoured inverted-hemicucurbit[6]uril**

**Prigorchenko, Elena**; **Kaabel, Sandra**; **Narva, Triin**; **Baškir, Anastassia**; **Fomitšenko, Maria**; Adamson, Jasper; **Järving, Ivar**; Rissanen, Kari; **Tamm, Toomas**; **Aav, Riina** Chemical communications 2019 / p. 9307-9310 : ill <https://doi.org/10.1039/C9CC04990H> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

McKibben, Nicholas; Curtis, Michael; Maryon, Olivia; Sawyer, Mone't; **Lazouskaya, Maryna**; Eixenberger, Josh; Deng, Zhangxian; Estrada, David ACS Applied Electronic Materials 2024 / p. 748 - 760 <https://doi.org/10.1021/acsaelm.3c01175> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Formulation of active food packaging by design: Linking composition of the film-forming solution to properties of the chitosan-based film by response surface methodology (RSM) modelling**

Bajić, Marijan; Oberlintner, Ana; **Körge, Kristi**; Likozar, Blaž; Novak, Uroš International Journal of Biological Macromolecules 2020 / p. 971 - 978 <https://doi.org/10.1016/j.jbiomac.2020.05.186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Fostering menstrual equity : promoting inclusivity and empowerment in period experiences**

**Khalid, Sadia** The European Sting 2023 <https://europeansting.com/2023/06/21/fostering-menstrual-equity>

#### **Friikad, pitsa, šokolaad : miks me lohutuse- ja preemiatoiduna ebatervislikke valikuid teeme? Eksperdid selgitavad!**

Kipper, Kelly annestiil.delfi.ee 2023 [Friikad, pitsa, šokolaad: miks me lohutuse- ja preemiatoiduna ebatervislikke valikuid teeme? Eksperdid selgitavad!](#)

#### **Front-face fluorimeter for the determination of cutting time of cheese curd**

**Lazouskaya, Maryna**; Stulova, Irina; Sörmus, 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 lipoyxygenase 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, Päärm;

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**; **Rūžička, 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](http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-188-196.pdf) <https://doi.org/10.3176/oil.2019.2S.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Geenide sosinad: TalTechi teadus avab ukse ajutervise saladustesse**

**Vaaks, Eveliis** Trialoog 2025 <https://trialoog.taltech.ee/geenide-sosinad-taltech-i-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](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](#) [Article at WOS](#)

**Genetic analysis of powdery mildew resistance in an introgression line of wheat = Jahukastekindla introgressiivse suvenisuliini geneetiline analüüs**

**Jakobson, Irena** 2019 <https://digi.lib.ttu.ee/ii/?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



**Genome description of *Phlebia radiata* 79 with comparative genomics analysis on lignocellulose decomposition machinery of phlebioid fungi**

Mäkinen, Mari; Kuuskeri, Jaana; Laine, Pia; **Smolander, Olli-Pekka** BMC genomics 2019 / art. 430, 22 p. : ill  
<https://doi.org/10.1186/s12864-019-5817-8> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Genome-scale metabolic modeling reveals metabolic trade-offs associated with lipid production in *Rhodotorula toruloides***

**Rekena, Alina**; Pinheiro, Marina J.; **Bonturi, Nemailla**; **Belouah, Isma**; Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; **Lahtvee, Petri-Jaan** PLoS computational biology 2023 / art. e1011009 <https://doi.org/10.1371/journal.pcbi.1011009> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Genome-scale modelling-based discovery of metabolic strategies in oleaginous yeast *Rhodotorula toruloides***

**Rekena, Alina**; Pinheiro, Marina J.; **Bonturi, Nemailla**; **Belouah, Isma**; Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; **Lahtvee, Petri-Jaan** 8th conference on physiology of yeasts and filamentous fungi (PYFF8) : abstract book 2023 / p. 47-48  
[https://efbiotechnology.org/images/uploads/PYFF8\\_Abstract\\_book.pdf](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.bbdis.2015.10.008> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Gliiarakud - aju varjatud pool**

**Koppel, Indrek** Horisont 2025 / lk. 8-11 : ill [https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est)

**Gliirakud kui närvisüsteemi elutähtsad abimehed**

**Kuldmaa, Eliisabeth**; **Koppel, Indrek** Horisont 2025 / lk. 22-26 : ill [https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est)

**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\\_Abtract-Book.pdf](https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf)

**GMO-vastase võitluse eksitavatest valedest : vastukaja**

**Truve, Erkki** Õhtuleht 2017 / lk. 8 <https://www.oh tuleht.ee/787464/erkki-truve-gmo-vastase-voitluse-eksitavatest-valedest>

**Green Chemistry and reconsidering simple analytical methods**

**Jõul, Piia**; **Kuhtinskaja, Maria**; **Vaher, Merike**; **Koel, Mihkel** Chimica Oggi = Chemistry today 2017 / p. 32-34 : ill  
<http://www.teknoscienze.com/chemistry-today/> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Green chemistry tools in mechanochemistry**

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

### **Green non-destructive approach for quantitation of hydroxyl groups in lignin using atr-ftir spectroscopy and chemometric methods**

**Salm, Olivia-Stella; Kudrjašova, Marina; Kulp, Maria** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 74 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

### **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](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](https://www.mrs.org/docs/default-source/meetings-events/spring-meetings/2024/2024-mrs-spring-meeting-abstract-program-3-28-2024.pdf?sfvrsn=d2ef1b09_10)

### **Greening research work: practical tips for minimizing waste and promoting sustainability**

**Khalid, Sadia** The European Sting 2023 [Greening Research Work: Practical Tips for Minimizing Waste and Promoting Sustainability](#)

### **Greibi tarbimine koos teatud ravimitega võib halvasti lõppeda**

**Liebert, Tiit** Postimees 2018 / Tervis, lk. 4 <https://tervis.postimees.ee/6457089/toitumisteadlane-hoiatab-greibi-tarbimine-koos-teatud-ravimitega-voib-halvasti-loppeda>

### **A Guide to biodetection in droplets**

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

### **Gut bacteria co-culture in vitro studies**

**Aro, Valter; Kattel, Anna; Morell, Indrek; Vilu, Raivo** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 18 [https://tftak.eu/foodbalt/assets/files/Foodbalt\\_Book\\_of\\_Abstacts.pdf](https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf)

### **Halo-1,2,3-triazolium salts as halogen bond donors for the activation of imines in dihydropyridinone synthesis**

**Kaasik, Mikk; Metsala, Andrus; Kaabel, Sandra; Kriis, Kadri; Järving, Ivar; Kanger, Tõnis** Journal of organic chemistry 2019 / p. 4294–4303 : ill <https://doi.org/10.1021/acs.joc.9b00248> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Halogeenside võib võimendada kaugete aatomite interaktsioone**

**Metsala, Andrus; Kaasik, Mikk; Kanger, Tõnis; Lopp, Margus** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 28 [https://www.ester.ee/record=b5208044\\*est](https://www.ester.ee/record=b5208044*est)

### **Halogen and chalcogen polyhydrides**

**Luts, Hanna-Eliisa; Tamm, Toomas** ICQC 2023 : International Congress of Quantum Chemistry : Book of Abstracts 2023 / p. PB48 <https://icqc2023.org/wp-content/uploads/BOA-27-6-v1.pdf>

### **Halogen-Bonding Organocatalysis - New Opportunities for Asymmetric Synthesis**

**Kaasik, Mikk; Kanger, Tõnis** Asymmetric Organocatalysis: New Strategies, Catalysts, and Opportunities. Vol. 1 2022 / p. 203-224 <https://doi.org/10.1002/9783527832217.ch6>

### **Halotriazolium salts as organocatalysts in aza-Diels-Alder reaction [Online resource]**

**Kaasik, Mikk; Kriis, Kadri; Kanger, Tõnis** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

## **Hapendatud kõõgiljad võivad aidata erinevate seedeprobleemide korral**

novaator.err.ee 2024 [Hapendatud kõõgiljad 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!**

Maaaleht 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](http://www.ester.ee/record=b4654069*est)

## **Helicene-based chiral auxiliaries and chirogenesis**

**Hasan, Mohammed; Borovkov, Victor** Symmetry 2018 / 48 p. : ill <https://doi.org/10.3390/sym10010010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Helicene-Based Chiral Auxiliaries and Chirogenesis**

**Hasan, Mohammed; Borovkov, Victor** Chiral Auxiliaries and Chirogenesis 2021 / p. 103-150 <https://doi.org/10.3390/books978-3-0365-1017-0> <https://doi.org/10.3390/sym10010010>

## **Helicobacter pylori and the possible probiotic Lactobacillus salivarius co-exist in Estonian gastric biopsy sample**

**Roots, Kaisa; Kasak, Lagle; Suurmaa, Külliki; Sarand, Inga; Spuul, Pirjo** Helicobacter 2020 <https://www.x-mol.com/paper/1304864948814581760> <https://onlinelibrary.wiley.com/journal/15235378?tabActivePane=> <https://doi.org/10.1111/hel.12745>

## **Helicobacter pylori induces alterations in liver cell signaling**

**Roots, Kaisa; Rukavitsõna, Elina; Smirnova, Olga; Kasak, L.; Varon, E.; Genot, P.; Spuul, Pirjo** Helicobacter The Year in Helicobacter 2019 / e12647, p. 58 <https://doi.org/10.1111/hel.12647>

## **Helicobacter pylori-induced inflammatory response mediates invadosome formation and emergence of hybrid epithelial/mesenchymal phenotype in infected hepatocytes**

**Smirnova, Olga; Roots, Kaisa; Rukavitsõna, Elina; Kasak, Lagle; Karniol, Karmen; Varon, C.; Genot, Elisabeth; Spuul, Pirjo** Helicobacter 2020 <https://doi.org/10.1111/hel.12745>

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

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

## **Hemicucurbit[n]urils for extraction of neutral heterocycles from water**

**Shalima, Tatsiana; Kamini, Mihsra; Kaabel, Sandra; Aav, Riina** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 77 : ill <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

## **Hemicucurbituril complexes with Porphyrins - chirality induction and sensing**

**Ustrnul, Lukas; Šakarašvili, Marko; Konrad, Nele; Borovkov, Victor; Aav, Riina** Twelfth International Conference on Porphyrins

**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](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](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](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, Kārol; 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](https://microtas2021.org/program/MicroTAS2021_Program.pdf)

## HILIC-LC-MS method for determination of carbohydrates in various food matrices

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

## Histone variant macroH2A1.1 Enhances nonhomologous end joining-dependent DNA double-strand-break repair and reprogramming efficiency of human iPSCs

Giallongo, Sebastiano; Řeháková, Daniela; Biagini, Tommaso; Lo Re, Oriana; Raina, Priyanka; Lochmanová, Gabriela; Zdráhal, Zbyněk; Resnick, Igor; **Pata, Pille; Pata, Illar**; Mistrik, Martin; De Magalhães, João Pedro; Mazza, Tommaso; Koutná, Irena; Vinciguerra, Manlio Stem Cells 2022 / p. 35 - 48 <https://doi.org/10.1093/stmcls/sxab004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Hooaja teaduslugu: kui kaua säilib purki pandud moos?

### Kas 10 aastat tagasi tehtud moosi võib süüa?

postimees.ee 2025 <https://www.am.ee/node/9243> <https://maaelu.postimees.ee/8282444/kas-10-aastat-tagasi-tehtud-moosi-voib-suua>

## Host-guest complexes of 2-aminocyclohexyl thioureas and zinc porphyrins: chiroptic properties and binding mechanism

**Konrad, Nele**; Meniallava, Darya; **Osadchuk, Irina**; **Aav, Riina**; **Borovkov, Victor**; **Kananovich, Dzmitry** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 44 <http://fmdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

## Host-guest complexes with a chiral hemicucurbit[8]uril [Online resource]

**Kaabel, Sandra; Paberits, Oliver**; Topic, Filip; Rissanen, Kari; **Aav, Riina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmdk.ut.ee/teesid/>

## How different geometrical factors influence on ECD spectra of porphyrin-based supramolecules

**Osadchuk, Irina** 8th international conference on vibrational optical activity (VOA8) : book of abstracts 2024 / p. 76  
[https://www.mertenlab.de/wp-content/uploads/2024/08/VOA8\\_book\\_of\\_abstracts.pdf](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](https://www.jimmunol.org/content/204/1_Supplement/230.22)

## How to balance the yield and protein content of air-classified pulse flour : the influence of the restriction valve

De Angelisa, Davide; Kaleda, Aleksei; Pasqualone, Antonella; **Vaikka, Helen**; Squeo, Giacomo; Caponio, Francesco; Summo, Carmine Chemical engineering transactions 2021 / p. 241-246 <https://doi.org/10.3303/CET2187041> [Journal metrics at Scopus](#) [Article at Scopus](#)

## HPLC-MS as a tool for screening mechanochemical synthesis of macrocycles

**Shalima, Tatsiana; Dalidovich, Tatsiana; Suut, Elina; Kananovich, Dzmitry; Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 26 [https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

## Hsa-mir-548 family expression in human reproductive tissues

**Rooda, Ilmatar; Kaselt, Birgitta; Liivrand, Maria; Smolander, Olli-Pekka**; Salumets, Andres; **Velthut-Meikas, Agne** BMC Genomic Data 2021 / Art. 40 <https://doi.org/10.1186/s12863-021-00997-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Hull-less barley sourdough bread: composition of polysaccharides and technological characteristics

Reidzane, Sanita; Gramatina, Ilze; Galoburda, Ruta; Komasilovs, Vitalijs; Zacepins, Aleksejs; **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](https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf)

## Human biomonitoring in the oil shale industry area in Estonia—overview of earlier programmes and future perspectives

Orru, Hans; **Viitak, Anu**; Herodes, Koit; Veber, Triin; Lukk, Märten Frontiers in public health 2020 / art. 582114, 8 p. : ill <https://doi.org/10.3389/fpubh.2020.582114> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Human centenarian-associated SIRT6 mutants modulate hepatocyte metabolism and collagen deposition in multilineage

### hepatic 3D spheroids

Frohlich, Jan; Raffaele, Marco; Skalova, Helena; Leire, Eric; Pata, Illar; **Pata, Pille**; Gorbunova, Vera; Vinciguerra, Manlio GeroScience 2023 / p. 1177 - 1196 <https://doi.org/10.1007/s11357-022-00713-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Human peripheral blood eosinophils express high levels of the purinergic receptor P2X4

**Paalme, Viuu; Rump, Airi; Mädo, Kati; Teras, Marina**; Truumees, Birgit; Aitai, Helen; Ratas, Kristel; **Teras, Jüri; Rüütel Boudinot, Sirje** Frontiers in immunology 2019 / art. 2074, 15 p. : ill <https://doi.org/10.3389/fimmu.2019.02074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Human picornaviruses associated with neurological diseases and their neutralization by antibodies

Anastasina, Maria; Domanska, Aušra; **Palm, Kaia**; Butcher, Sarah Journal of general virology 2017 / p. 1145-1158 : ill <https://doi.org/10.1099/jgv.0.000780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Human tropomyosin-related kinase A and B : from transcript diversity to novel inhibitors = Inimese tropomüosiin-seoselised kinaasid A ja B : transkriptide mitmekesisusest uudeste inhibiitoriteni

**Luberg, Kristi** 2017 <https://digi.lib.ttu.ee/i/?7373> [https://www.ester.ee/record=b4665007\\*est](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) <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 : abstracts 2022 / 10 | [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

### Ice binding proteins from psychrophilic bacteria: characterization and applications in food

**Luhila, Önnela; Laos, Katrin; Paalme, Toomas** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 15 [https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt\\_2023/menu\\_attachments/FoodBalt\\_2023\\_Abstract\\_book.pdf](https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf)

### Ice cream structure modification by ice-binding proteins

**Kaleda, Aleksei; Tsenov, Robert; Klesment, Tiina; Vilu, Raivo; Laos, Katrin** Food Chemistry 2018 / p. 164-171 <https://doi.org/10.1016/j.foodchem.2017.10.152> [Journal at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Ice-binding proteins in psychrophilic bacteria – isolation, characterization, and applications in food

**Luhila, Önnela; Paalme, Toomas; Laos, Katrin** IBP 2022 2022 <https://docs.google.com/document/d/1XIsPAG9dVeX6luVaBMAM08F7Q50ktrdh/edit>

### ICTV Virus Taxonomy Profile : Solemoviridae 2021

**Sõmera, Merike**; Fargette, Denis; Hebrard, Eugenie; **Sarmiento Guerin, Maria Cecilia** Journal of General Virology 2021 / art. 001707 <https://doi.org/10.1099/jgv.0.001707> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Idandatud terade mikrobioloogiliste ja keemiliste parameetrite kaardistamine

**Traksmä, Anna; Šestopalova, Ksenia**; Kallastu, Aili; Junusova, Marina; **Rosend, Julia; Vilu, Raivo** Terve loom ja tervislik toit : konverentsi "Terve loom ja tervislik toit 2021" artiklite kogumik 2021 / lk. 69-70 [https://terveloomjatervisliktoit.ee/userfiles/tlitt/tlitt2021/Kogumik\\_TLTT2021.pdf](https://terveloomjatervisliktoit.ee/userfiles/tlitt/tlitt2021/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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Identification of a novel member of 2H phosphoesterases, 2',5'-oligoadenylate degrading ribonuclease from the oyster *Crassostrea gigas***

**Lopp, Annika; Reintamm, Tõnu; Kuusksalu, Anne; Olsper, Allan; Kelve, Merike** Biochimie 2019 / p. 181–195 : ill <https://doi.org/10.1016/j.biochi.2018.09.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Identification of bitter off-taste compounds in sunflower press cake using sensomics approach**

**Huseynli, Lachinkhanim; Hald, Christoph; Dawid, Corinna; Vene, Kristel** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 128 [https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt\\_2023/menu\\_attachments/FoodBalt\\_2023\\_Abstract\\_book.pdf](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](https://lbtufb.lbtu.lv/conference/foodbalt/2023/FoodBalt_2023_Abstract_book.pdf)

**Identification of glycolytic proteins as binding partners of Bri2 BRICHOS domain**

Tigro, Helene; Shimozaawa, Makoto; Nilsson, Per; Lyashkov, Alexey; Khadeer, Mohammed; **Järving, Ivar**; Ferrucci, Luigi; Shimmo, Ruth; Johansson, Jan; Moaddel, Ruin Journal of pharmaceutical and biomedical analysis 2023 / art. 115465, 8 p. : ill <https://doi.org/10.1016/j.jpba.2023.115465> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

**Identification of two highly antigenic epitope markers predicting multiple sclerosis in optic neuritis patients**

**Sadam, Helle**; Pihlak, Arno; **Jaago, Mariliis**; Pupina, Nadežda; **Rähni, Annika**; Toots, Maarja; Vaheri, Antti; Nieminen, Janne K.; Siuko, Mika; Tienari, Pentti J.; **Palm, Kaia** EBioMedicine 2021 / art. 103211, 8 p <https://doi.org/10.1016/j.ebiom.2021.103211> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Identification, characterization and expression profiles of *Fusarium udum* stress-responsive WRKY transcription factors in *Cajanus cajan* under the influence of NaCl stress and *Pseudomonas fluorescens* OKC**

Kumar, Gagan; Bajpai, Raina; Sarkar, Ankita; Mishra, Raj Kumar; **Gupta, Vijai Kumar**; Singh, Harikesh B.; Sarma, Birinchi K. Scientific reports 2019 / art. 14344, 9 p. : ill <https://doi.org/10.1038/s41598-019-50696-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Identifying the role of co-aggregation of Alzheimer's amyloid- $\beta$  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 vihnametsasid säästa**

Pokk, Priit arileht.delfi.ee 2023 [Idufirmade konkursil osaleja: meie tehnoloogia aitaks vihnametsasid 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-kerkendab-kehakaalu-aseemel-pigem-kukrut>

**Immune response to a conserved enteroviral epitope of the major capsid VP1 protein is associated with lower risk of cardiovascular disease**

Pupina, Nadežda; **Avarlaid, Annela**; **Sadam, Helle**; Pihlak, Arno; **Jaago, Mariliis**; **Tuvikene, Jürgen**; **Rähni, Annika**; Planken, Anu; Planken, Margus; Kalso, Eija; Tienari, Pentti J.; Nieminen, Janne K.; Seppänen, Mikko R.J.; Vaheri, Antti; Lindholm, Dan; Sinisalo, Juha; Pussinen, Pirkko; **Timmusk, Tõnis**; **Palm, Kaia** eBioMedicine 2022 / art. 103835, 14 p. : ill <https://doi.org/10.1016/j.ebiom.2022.103835> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Immunodetection of Streptococcus uberis pathogen in raw milk**

Mihklepp, Kaisa; **Kivirand, Kairi**; Juronen, Delia; **Löökene, Aivar**; Rinken, Toonika Enzyme and microbial technology 2019 / art. 109360, 6 p. : ill <https://doi.org/10.1016/j.enzmitec.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 immunodominant 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](https://www.ester.ee/record=b5491509*est)

### **Impact of apple cultivar, ripening stage, fermentation type and yeaststrain on phenolic composition of apple ciders**

Laaksonen, Oskar; **Kuldjärv, Rain**; **Paalme, Toomas**; Virkki, Mira; Yang, Baoru Food chemistry 2017 / p. 29-37 : ill <https://doi.org/10.1016/j.foodchem.2017.04.067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Impact of enviromental factors on the dynamics of microbiota in sourdoughs**

Lutter, Liis; Anderson, Helena; **Sarand, Inga**; Jõudu, Mi 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 39 [https://tftak.eu/foodbalt/assets/files/Foodbalt\\_Book\\_of\\_Abstacts.pdf](https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf)

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

Wang, Qianyi; Afshin, Ashkan; Yakoob, Mohammad Yawar; Singh, Gitanjali M.; Rehm, Colin D.; Khatibzadeh, Shahab; Micha, Renata; Shi, Peilin; Mozaffarian, Dariush; Ezzati, Majid; **Vaask, Sirje** Journal of the American Heart Association 2016 / art. e002891 <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; **Körge, Kristi** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

### **The impact of profile genesis and land use of histosol on its organic substance stability and humic acid quality at the molecular leve**

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

### **Impact of short-term heat treatment on the structure and functional properties of carrageenans = Lühiajalise termilise töötuse mõju karrageenaanide struktuurile ja funktsionaalsetele omadustele**

**Eha, Kairit** 2022 <https://doi.org/10.23658/taltech.22/2022> <https://digikogu.taltech.ee/et/Item/a1b25640-c11b-4e62-8226-85238d5352dc> [https://www.ester.ee/record=b5502795\\*est](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](#) [Journal metrics at WOS](#) [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-44-1-1-1.pdf>

### **Improved chromosome level genome assembly of the Glanville fritillary butterfly (Melitaea cinxia) based on SMRT Sequencing and linkage map**

Blande, Daniel; **Smolander, Olli-Pekka**; Ahola, Virpi bioRxiv 2020 / 32 p <https://doi.org/10.1101/2020.11.03.364950>



### **Improved chromosome-level genome assembly of the Glanville fritillary butterfly (*Melitaea cinxia*) integrating Pacific Biosciences long reads and a high-density linkage map**

**Smolander, Olli-Pekka**; Blande, Daniel; Ahola, Virpi; Rastas, Pasi; Tanskanen, Jaakko; Kammonen, Juhana I.; Oostra, Vicencio; Pellegrini, Lorenzo; Ikonen, Suvi; Dallas, Tad GigaScience 2022 / art. giab097 <https://doi.org/10.1093/gigascience/giab097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Improvement of biomass production by *Lactobacillus reuteri* using double-carbon source cultivation strategy**

Selvamani, Shanmugaprakasham; Malek, Roslinda Abd; Ramli, Solleh; Dailin, Daniel Joe; **Gupta, Vijai Kumar**; Sukmawati, Dalia; El-Adawi, Hala I.; Leng, Ong Mei; El Enshasy, Hesham Ali The 2nd Science and Mathematics International Conference (SMIC 2020) : Transforming Research and Education of Science and Mathematics in the Digital Age 2021 / art. 168153 <https://doi.org/10.1063/5.0041975> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Improving abiotic stress tolerance of forage grasses - prospects of using genome editing**

**Sustek-Sanchez, Ferenz**; Rognli, Odd Arne; Rostoks, Nils; **Sõmera, Merike**; Jaškune, Kristina; Kovi, Mallikarjuna Rao; 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](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; Köks, Sulev; Snellman, Anniina; Haaparanta-Solin, Merja; Arponen, Eveliina; Grönroos, Tove; **Nairismägi, Jaak**; Bergquist, Jonas; Soomets, Urrsel; Piip, Piret; Eltermaa, Mall Brain Research 2016 / p. 97 - 102 <https://doi.org/10.1016/j.brainres.2016.09.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Individual differences in sensitivity to bitterness focusing on oat and pea preparations**

**Vaikma, Helen**; **Metsoja, Grete**; Bljaghina, Anastassia; **Rosenvald, Sirli** Future foods 2022 / art. 100206 <https://doi.org/10.1016/j.fufo.2022.100206> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Indooli derivaatide enantioselektiivne N-alküleerimine**

**Trubitsõn, Dmitri**; **Kudrjašova, Marina**; **Kanger, Tõnis** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 42 : ill [https://www.ester.ee/record=b5208044\\*est](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](https://icni2019.eventos.chemistry.pt/images/conference_program.pdf)

### **Induction of resistance mechanisms in *Rhodotorula toruloides* for growth in sugarcane hydrolysate with high inhibitor content**

Santos Lopes, Helberth Júnior; **Bonturi, Nemailla**; Miranda, Everson Alves Applied Microbial and Cell Physiology 2021 / p. 9261-9272 <https://doi.org/10.1007/s00253-021-11687-z>

### **Inferring structural variant cancer cell fraction**

Cmero, Marek; Yuan, Ke; Ong, Cheng Soon; Schröder, Jan; Adams, David J.; Anur, Pavana; Beroukhir, Rameen; Boutros, Paul C.; Bowtell, David D. L.; **Uusküla-Reimand, Liis** Nature Communications 2020 / Art. nr. 730 <https://doi.org/10.1038/s41467-020-14351-8>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Influence of gemcitabine chemotherapy on the microbiota of pancreatic cancer xenografted mice**

Panebianco, Concetta; **Adamberg, Kaarel**; Jaagura, Madis; **Adamberg, Signe**; Kolk, Kaia; Vilu, Raivo; Andriulli, Angelo; Paziienza, Valerio Cancer chemotherapy and pharmacology 2018 / p. 773–782 : ill <https://doi.org/10.1007/s00280-018-3549-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Aid, Jekaterina** 2024 <https://doi.org/10.23658/taltech.59/2024> [https://www.ester.ee/record=b5703763\\*est](https://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 RuO<sub>2</sub> 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; Paziienza, Valerio BMC Research Notes 2020 / art. 540 <https://doi.org/10.1186/s13104-020-05384-9>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Innovatsioon kui teaduslik mõttesport**

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

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

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

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

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

### **Insights on engineered microbes in sustainable agriculture : biotechnological developments and future prospects**

Sudheer, Surya; Bai, Renu Geetha; **Usmani, Zeba**; Sharma, Minaxi Current Genomics 2020 / p. 321-333  
<https://doi.org/10.2174/1389202921999200603165934> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **In-situ thermal performance monitoring of Pharma 4.0 Flow Bioreactors**

Hegedus, Kristof; Hantos, Gusztav; **Pardy, Tamas**; Ender, Ferenc 2020 26th International Workshop on Thermal Investigations of ICs and Systems (THERMINIC) 2020 / 4 p. : ill <https://doi.org/10.1109/THERMINIC49743.2020.9420529>

### **Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures**

Friedenthal, Margus; **Eha, Kairit**; Kaleda, Aleksei; Part, Natalja; **Laos, Katrin** SN Applied Sciences 2020 / art. 243, 6 p. : ill  
<https://doi.org/10.1007/s42452-020-2032-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures : [conference paper]**

Friedenthal, Margus; **Eha, Kairit**; Kaleda, Aleksei; Part, Natalja; **Laos, Katrin** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 116  
[https://tftak.eu/foodbalt/assets/files/Foodbalt\\_Book\\_of\\_Abstacts.pdf](https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf)

### **Integrated transcriptomic, proteomic, and metabolomics analysis reveals peel ripening of harvested banana under natural condition**

Yun, Ze; Li, Taotao; Gao, Huijun; Zhu, Hong; **Gupta, Vijai Kumar**; Jiang, Yueming; Duan, Xuewu *Biomolecules* 2019 / Art. nr. 167  
<https://doi.org/10.3390/biom9050167> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Integrative pathway enrichment analysis of multivariate omics data**

Paczkowska, Marta; Barenboim, Jonathan; Sintupisut, Nardnisa; Fox, Natalie S.; Zhu, Helen; Abd-Rabbo, Diala; Mee, Miles W.; Boutros, Paul C.; Abascal, Federico; **Uusküla-Reimand, Liis** *Nature Communications* 2020 / Art. nr. 735  
<https://doi.org/10.1038/s41467-019-13983-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **The intellectual disability and schizophrenia associated transcription factor TCF4 is regulated by neuronal activity and protein kinase A**

**Sepp, Mari**; Vihma, Hanna; Nurm, Kaja; **Urb, Mari**; Page, Stephanie Cerceo; **Roots, Kaisa**; **Hark, Anu**; Maher, Brady J.; **Pruunsild, Priit**; **Timmusk, Tõnis** *Journal of neuroscience* 2017 / p. 10516-10527 : ill <https://doi.org/10.1523/JNEUROSCI.1151-17.2017>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Interactions of medical drugs with DNA nucleobases and base pairs**

**Tamm, Toomas**; Öztürk, Isilay; Kinal, Armagan *ICQC 2023 : International Congress of Quantum Chemistry : Book of Abstracts 2023* / 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://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 bromodomains**

Lambert, Jean-Philippe; Picaud, Sarah; Fujisawa, Takao; **Uusküla-Reimand, Liis** *Molecular cell* 2019 / p. 621-638.e17 : ill  
<https://doi.org/10.1016/j.molcel.2018.11.006> [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://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](https://www.ester.ee/record=b5141460*est)

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

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

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

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

### **Intronic enhancer region governs transcript-specific Bdnf expression in rodent neurons**

**Tuvikene, Jürgen**; **Esvald, Eli-Eelika**; **Rähni, Annika**; **Uustalu, Kaie**; Zhuravskaya, Anna; **Avarlaid, Annela**; Makeyev, Eugene V.; **Timmusk, Tõnis** *eLife* 2021 / art. e65161 <https://doi.org/10.7554/eLife.65161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Investigating the impact of vitrification on bovine ovarian tissue morphology, follicle survival, and transcriptomic signature**

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

### **Investigating the RNA silencing suppressor AtRLI2 of Arabidopsis thaliana**

**Gerassimenko, Jelena; Nigul, Lenne; Truve, Erkki; Sarmiento Guerin, Maria Cecilia** RNAi: the future of crosstalk: focus on RNAi Technology (WG1) and Applications (WG2): iPLANTA COST Action CA15223 : book of abstract 2018 / p. 59  
<http://iplanta.univpm.it/sites/iplanta.univpm.it/files/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](#)

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

Mendes, Ellen Jaqueline; Mazon, Samara Cristina; Marsaro, Isabella Bodanese; Hermes, Maria Eduarda; **Sachett, Adrieli**; Bertoncetto, Kanandra Taisa; de Moura, Fernando Rafael; da Silva Júnior, Flavio Manoel Rodrigues; Müller, Liz Girardi; Lima-Rezende, Cássia Alves Journal of Toxicology and Environmental Health - Part A: Current Issues 2024 / p. 616 - 629  
<https://doi.org/10.1080/15287394.2024.2352787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at 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; Käär, Maie; Leis, Jaan; Aruväli, Jaan; Paiste, Päärn; Rahn, 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, Viie**; **Järvekülg, Lilian** Journal of biomolecular structure and dynamics 2017 / p. 1-11 : ill <https://doi.org/10.1080/07391102.2017.1333457> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Isolation and identification of novel non-dairy starter culture candidates from plant matrix using backslipping propagation**

**Andreson, Maret**; Kazantseva, Jekaterina; Kallastu, Aili; Jakobson, Taaniel; **Sarand, Inga**; Kütt, Mary-Liis Fermentation 2024 / art. 663 <https://doi.org/10.3390/fermentation10120663> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Isolation of cyclohexanohemicucurbit[10-12]urils - success and difficulties in their analysis**

**Kamini, Mihsra; Kaabel, Sandra**; Adamson, Jasper; **Fomitšenko, Maria**; Öeren, Mario; **Aav, Riina** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 62 : ill <http://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; Viirard, 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>

### **Jahu poolt ja vastu, gluteeni poolt ja vastu**

**Adamberg, Signe**; **Adamberg, Kaarel** Oma Maitse 2025 / lk. 66-68 <https://dea.digar.ee/article/AKomamaitse/2025/09/0/36.1>



**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](#)

**Just seepärast on hea külmutamisel marjadele suhkrut lisada**

postimees.ee 2025 <https://maaelu.postimees.ee/8299653/just-seeparast-on-hea-kulmutamisel-marjadele-suhkrut-lisada>

**„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, Kätlin Teadus kolme minutiga : 2017-2019 2019 / lk. 64-67 : fot [https://www.ester.ee/record=b5245642\\*est](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](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](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](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; Keenberg, Liis Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 315-322 : fot

[http://www.ester.ee/record=b4764891\\*est](http://www.ester.ee/record=b4764891*est) <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/i/?9461>

**Kas biohakkimine on mööduv tervisetrend või võimalus oma tervist teadlikumalt juhtida?**

Koovit, Joanna goodnews.ee 2025 <https://goodnews.ee/kas-biohakkimine-on-mooduv-tervisetrend-voi-voimalus-oma-tervist-teadlikumalt-juhtida/>

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

Lopp, Margus Konverents "Kliimaneutraalsus – häving või edu?" 2019 / 17 | [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](https://www.ester.ee/record=b1072243*est) [Kas peaks tundma muret ülitöödeldud toidu pärast?](#)

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

**Kas skandaalse tšehhi füüsiku teooria 3D aja kohta on teaduslik revolutsioon või suurejooneline umbluu?**

Minnik, Taavi delfi.ee 2025 <https://forte.delfi.ee/artikkel/120389838/kas-skandaalse-tsehi-fuusiku-teooria-3d-aja-kohta-on-teaduslik-revolutsioon-voi-suurejooneline-umbluu>

**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-toidulaua>

**Kas vajame toiduvärve?**

**Adamberg, Kaarel** Eesti Loodus 2023 / lk. 18-20 : fot [http://www.ester.ee/record=b1072059\\*est](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](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](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](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](#)

**Keemilise inseneeria teejuht kahe kodumaa vahel**

**Uustalu, Jaan Mihkel** Sirp 2025 / lk. 23-25 <https://dea.digar.ee/article/sirp/2025/08/29/10.1>

**Keemiliste nanoninade tulek**

**Aav, Riina** Horisont 2020 / lk. 20-25 : fot [https://www.ester.ee/record=b1072243\\*est](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](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](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/>

**Kerox technology: potential of piloting the production of medium chain dicarboxylic acids from kerogen in a continuous flow oxidation reactor**

**Reinaas, Maria; Kaldas, Kristiina; Muldma, Kati; Uustalu, Jaan Mihkel; Koern, Villem Ödner; Siirde, Kaarel; Silm, Estelle; Mets, Birgit; Kimm, Mariliis; Rõuk, Kristi** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 29 ; poster 20 [https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts\\_pub3.pdf](https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf)

**Kinetic modeling of catalyst deactivation for light gas catalytic cracking in the presence of steam**

**Barghi, Bijan; Niidu, Allan** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 30 [https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf)

**Kogu tõde seedimisest. Tulevik on juba käes ehk kuula, miks on meile peagi vaja fekaalidoonoreid? : Oma Maitse podcasti Toidujutud**

**Kirikal, Siiri; Teder, Teele** omamaitse.delfi.ee 2023 [Kogu tõde seedimisest](#)

**Kokkuvõte = Резюме = Summary**

**Adamberg, Signe** Mina, superorganism : lugu bakterite ja inimese 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](https://www.ester.ee/record=b5255688*est)

**Kommentaari 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/kommentaari-final.pdf>

**Kooli- ja lasteaialastele söödetakse kana asemel cana**

### Koroonast iga kandi pealt

**Rüütel Boudinot, Sirje** Eesti Naine 2021 / lk. 67-71 : fot [https://www.ester.ee/record=b1072072\\*est](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](https://www.ester.ee/record=b1072541*est)

### 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](https://www.ester.ee/record=b1072541*est)

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

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

### Kui kaua võib purki pandud moosi muretult süüa?

**Adamberg, Signe; Adamberg, Kaarel** postimees.ee 2025 <https://tervis.postimees.ee/8282586/kui-kaua-voib-purki-pandud-moosi-muretult-suua>

### Kui palju suhkrut? Kas tavaline või moosisuhkur? Kas kaani võib taaskasutada?

**Vaaks, Eveliis; Adamberg, Signe; Sarv, Viive** postimees.ee 2025 <https://maaelu.postimees.ee/8291923/moosikeetmise-nipid-kui-palju-suhkrut-kas-tavaline-voi-moosisuhkur-kas-kaasi-voib-taaskasutada>

### Kui suure osa toidu maitsest moodustavad lõhnad? [Võrguväljaanne]

**Vene, Kristel** forte.delfi.ee 2022 ["KUULA SAADET | Kui suure osa toidu maitsest moodustavad lõhnad?"](https://www.ester.ee/record=b1072243*est)

### Kui tervislikud on vastlatoidud?

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

### Kuidas elab Eesti teadus?

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

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

**Tamberg, Laura** digi.geenius.ee 2024 [Intervjuu Kuidas käitub intellektipuu et põdev kärbes? Noorteadlane Laura Tamberg mängib äädikakärbestega nagu nukkudega!](https://digi.geenius.ee/blogi/teadus-ja-tulevik/kui-tervislikud-on-vastlatoidud/)

### Kuidas teha maitsevaid kuivatatud puuvilju kodus?

**Adamberg, Kaarel; Adamberg, Signe** goodnews.ee 2024 [Kuidas teha maitsevaid kuivatatud puuvilju kodus?](https://www.ester.ee/record=b1072243*est)

### Kuidas toita väikese keskkonnajalajäljega 9 miljardit suud?

Käärt, Ulvar postimees.ee 2023 [Kuidas toita väikese keskkonnajalajäljega 9 miljardit suud?](https://www.ester.ee/record=b1072243*est)

### Kuidas toita väikese keskkonnajalajäljega üheksa miljardit suud?

**Vene, Kristel** Horisont 2023 / lk. 18-22 : fot [https://www.ester.ee/record=b1072243\\*est](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](https://www.ester.ee/record=b1072243*est)

### Kuidas õpetada Prantsusmaa ajalugu ja rohelist keemiat

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

### Kukersiidle terendab roheline tulevik - Eesti alustab fenoolvee väärimist

postimees.ee 2024 [Kukersiidle terendab roheline tulevik - Eesti alustab fenoolvee väärimist](https://www.ester.ee/record=b1072243*est) Uus leping võimaldab Eestil alustada fenoolvee väärimist

### Kummutame viis levinud toidumüüti

**Pitsi, Tagli** Tervis Pluss 2024 / lk. 67-67 : fot [https://www.ester.ee/record=b1453514\\*est](https://www.ester.ee/record=b1453514*est)

### Kuperjanovi pataljoni ajateenijate toitumine ja selle mõju nende tervisenäitajatele

**Adamberg, Signe; Pitsi, Tagli; Vene, Kristel; Adamberg, Kaarel** Sõjateadlane = Estonian journal of military studies 2023 / lk. 147-173 : ill [Kuperjanovi pataljoni ajateenijate toitumine ja selle mõju nende tervisenäitajatele](https://www.ester.ee/record=b4555087*est) [https://www.ester.ee/record=b4555087\\*est](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](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?](#)

**Köögiljajamissioon Tagli Pitsi moodi**

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

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

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

**10 lihsat nippi, kuidas tüütutest äädikakärbestest kiirelt vabaneda**

Meriküll, Veronika maaleht.delfi.ee 2024 [10 lihsat 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](https://www.ester.ee/record=b1072243*est) <http://www.horisont.ee/arhiiv-2018/Horisont-2-2018.pdf> [https://artiklid.elnet.ee/record=b2836199\\*est](https://artiklid.elnet.ee/record=b2836199*est)

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

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

**Labster: platvorm, mis annab võimaluse teha vigu ohutult ning saada praktiline kogemus**

digi.geenius.ee 2023 [Labster: platvorm, mis annab võimaluse teha vigu ohutult ning saada praktiline kogemus](#)

**Land use change : a key ecological disturbance declines soil microbial biomass in dry tropical uplands**

Tiwari, Shashank; Singh, Chhatrapal; Boudh, Siddharth; Rai, Pradeep Kumar; Gupta, Vijai Kumar; Singh, Jay Shankar Journal of environmental management 2019 / 10 p. : ill <https://doi.org/10.1016/j.jenvman.2019.04.052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The landscape of viral associations in human cancers**

Zapatka, Marc; Borozan, Ivan; Brewer, Daniel S.; Iskar, Murat; Grundhoff, Adam; Alawi, Malik; Desai, Nikita; Sülthmann, Holger; Moch, Holger; Cooper, Colin S.; Uusküla-Reimand, Liis Nature Genetics 2020 / p. 320 - 330 <https://doi.org/10.1038/s41588-019-0558-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Large azobenzene acrocycles : formation and detection by NMR and MS methods**

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](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](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; Ustrul, 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](https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf)

#### **Lead and nitrogen co-doped multi-walled carbon nanotube electrocatalyst for oxygen reduction reaction**

**Zarmehri, Ehsan;** Raudsepp, Ragle; Šmits, Krišjānis; Käämbre, Tanel; Šutka, Andris; **Yörük, Can Rüstü;** Zacs, Dzintars; Kruusenberg, Ivar Journal of The Electrochemical Society 2023 / art. 114505, 10 p. : ill <https://doi.org/10.1149/1945-7111/ad0072> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **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](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; Lõökene, Aivar** Cell Metabolism 2022 / p. 1719-1731 <https://doi.org/10.1016/j.cmet.2022.09.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

#### **Ligand-tailored divergence of copper-catalyzed aerobic oxidation of cyclopropanols. Application to the practical synthesis of $\beta$ -aminoketones and $\beta$ -enaminones**

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

#### **Ligniini – puidutööstuse prügist tulevikumaterjaliks**

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

#### **Lignin valorization via chloromethylation as a versatile approach towards sustainable materials**

**Mohan, Mahendra Kothottil; Karpichev, Yevgen** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 38 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

#### **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 kõõgivilju pole ka tervisele kasulik! Roheliste lehtkõõgiviljade omastamise eripärad**

**Adamberg, Signe; Adamberg, Kaarel** omamaitse.delfi.ee 2024 [Liiga palju kõõgivilju pole ka tervisele kasulik! Roheliste lehtkõõgiviljade omastamise eripärad](https://omamaitse.delfi.ee/2024/07/12/liiga-palju-kooigivilju-pole-ka-tervisele-kasulik-roheliste-lehtkooigiviljade-omastamise-eriparad)

#### **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?](https://delfi.ee/2024/07/12/liiga-palju-voi-liiga-vahe-seedeensyume-viib-meid-ysna-pea-rivist-valja-mida-teha-et-neid-oleks-parasjagu)

#### **Liiva- ja kruusakarjäärade bioloogiline korrastamine [Võrguteavik]**

Keenberg, Liis; **Rammul, Üllar;** Timm, Uudo Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 228-253 : fot [http://www.ester.ee/record=b4764891\\*est](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 Conceição, Laiza de K. M.; Miranda, Everson Alves South African journal of chemistry 2021 / p. 162-167 [http://www.scielo.org.za/scielo.php?script=sci\\_arttext&pid=S0379-43502021000100021](http://www.scielo.org.za/scielo.php?script=sci_arttext&pid=S0379-43502021000100021) {=en

**Lipoic acid ameliorates consequences of copper overload by upregulating selenoproteins and decreasing redox misbalance : poster presentations**

Kabin, Ekaterina; Dong, Yixuan; Summers, Kelly; Yang, Haojun; Dev, Som; Wang, Yu; Devenney, Benjamin; Roy, Shubhrajit; Palumaa, Peep; Lutsenko, Svetlana Acta physiologica 2023 / art. e14044 <https://doi.org/10.1111/apha.14044>

**Lipopolysaccharide-induced priming enhances NO-mediated activation of defense responses in pearl millet challenged with Sclerospora graminicola**

Lavanya, S.N.; Udayashankar, A.C.; Raj, S. Niranjana; Mohan, Chakrabhavi Dhananjaya; Gupta, Vijai Kumar; Tarasatyavati, C.; Srivastava, R.; Nayaka, S. Chandra 3 Biotech 2018 / Art. nr. 475 <https://doi.org/10.1007/s13205-018-1501-y> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Lipoprotein lipase activity and interactions studied in human plasma by isothermal titration calorimetry**

Reimund, Mart; Kovrov, Oleg; Olivecrona, Gunilla; Löökene, Aivar Journal of lipid research 2017 / p. 279-288 : ill <https://doi.org/10.1194/jlr.D071787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metric at WOS](#) [Article at WOS](#)

**Lipoprotein lipase activity does not differ in the serum environment of vegans and omnivores**

Seeba, Natjan-Naatan; Risti, Robert; Löökene, Aivar Nutrients 2023 / art. 2755 <https://doi.org/10.3390/nu15122755> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Lisatavaid suhkruid peaks olema vähe**

Pitsi, Tagli Äripäev 2017 / lk. 21

**Lithium ions display weak interaction with amyloid-beta (Aβ) peptides and have minor effects on their aggregation**

Berntsson, Elina; Paul, Suman; Vosough, Faraz; Sholts, Sabrina B.; Jarvet, Jüri; Roos, Per M.; Barth, Andreas; Gräslund, Astrid; Wärmländer, Sebastian K.T.S. Acta biochimica Polonica 2021 / p. 169-179 [https://doi.org/10.18388/abp.2020\\_5493](https://doi.org/10.18388/abp.2020_5493) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Locally translated mTOR controls axonal local translation in nerve injury**

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

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

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

**Looduslik toidulisand võib aidata Alzheimeri tõve ennetada = Эстонские ученые исследуют новый способ борьбы с болезнью Альцгеймера**

Kirss, Sigrid novaator.err.ee 2024 [Looduslik toidulisand võib aidata Alzheimeri tõve ennetada](#) [Эстонские ученые исследуют новый способ борьбы с болезнью Альцгеймера](#)

**Low-carbohydrate high-fat weight reduction diet induces changes in human gut microbiota**

Jaagura, Madis; Viirard, Ene; Karu-Lavits, Kärtin; Adamberg, Kaarel MicrobiologyOpen 2021 / art. e1194 <https://doi.org/10.1002/mbo3.1194> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Lugeja küsib: mida süüa, et matkapäev vastu pidada?**

Adamberg, Kaarel; Adamberg, Signe novaator.err.ee 2023 [Lugeja küsib: mida süüa, et matkapäev vastu pidada?](#)

**Lugeja küsib: miks tindikala lõhnab nagu värskes kurk?**

Merivoo-Parro, Maarja novaator.err.ee 2023 [Lugeja küsib: miks tindikala lõhnab nagu värskes kurk?](#)

**Lõhn ütleb, milline paar jääb kokku**

**Vene, Kristel** Tervis Pluss 2021 / lk. 22-24 : fot [https://www.ester.ee/record=b1453514\\*est](https://www.ester.ee/record=b1453514*est) <https://tervispluss.delfi.ee/artikkel/93824201/lohn-utleb-milline-paar-jaab-kokku>

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

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

**Lõhnamaailma ekspert**

**Vene, Kristel** Sirp 2021 / lk. 24-26 : ill, portr <https://sirp.ee/s1-artiklid/c21-teadus/lohnamaailma-ekspert/>

**Läbipõdenute COVID-i tõend peaks kehtima vähemalt 12 kuud**

**Rüütel Boudinot, Sirje;** Aab, Alar; Saarma, Kaari epl.delfi.ee 2021 / Lk. 2-3 ["Läbipõdenute COVID-i tõend peaks kehtima vähemalt 12 kuud"](#)

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

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

**„Ma ei suutnud kõndida, terve keha valutas.“ Eestis väga levinud vähki tekitav bakter teeb organismile palju liiga**

Toome, Heidi delfi.ee 2025 <https://epl.delfi.ee/artikkel/120395475/ma-ei-suutnud-kondida-terve-keha-valutas-eestis-vaga-levinud-vahki-tekitav-bakter-teeb-organismile-palju-liiga>

**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://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](https://www.ester.ee/record=b5507318*est)

**Magnetoplasmonic waves/HOMO-LUMO free  $\pi$ -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](https://www.ester.ee/record=b4761853*est)

**Management strategies for patients with advanced rectal cancer and liver metastases using modified Delphi methodology : results from the PelvEx Collaborative**

**Kelly, M.E.; Aalbers, A. G. J.; Abdul Aziz, N.; Teras, Jüri** Colorectal disease 2020 / p. 1184-1188 <https://doi.org/10.1111/codi.15007>

**Mandelic acid derived ionic liquids: synthesis, toxicity and biodegradability**

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

**Margus Lopp: reformidele vaatamata tuleb oma töö ja teadusega ikka ise hakkama saada**

**Lopp, Margus** Mente et Manu 2025 / lk. 30-31 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Maristem - stem cells of marine/aquatic invertebrates : from basic research to innovative applications**

**Ballarin, Lorian; Rinkevich, Baruch; Bartscherer, Kestin; Bartscherer, Kestin; Cambier, Sebastien; Cammarata, Matteo; Domart-Coulon, Isabelle; Drobne, Damjana; Encinas, Juanma; Frank, Uri; Genevieve, Anne-Marie; Hobmayer, Bert; Lõhelaid, Helike; Lyons, Daniel; Martinez, Pedro; Oliveri, Paola; Peric, Lorena; Piraino, Stefano; Ramšak, Andreja; Rakers, Sebastian; Rentzsch, Fabian; Rosner, Amalia; Silva, Tiago Henriques da; Somorjai, Ildiko; Suleiman, Sherif; Coelho, Ana Varela Sustainability (Switzerland)** 2018 / Art. 526 <https://doi.org/10.3390/su10020526> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Massively parallel sequencing of human mitochondrial genome for forensic analysis = Inimese mitokondriaalse genoomi massiivselt paralleelne sekveneerimine forensiliseks analüüsiks**

**Stoljarova, Monika** 2020 <https://digikogu.taltech.ee/et/Item/980af58a-f034-43a6-83da-c404205bbd91>

**Massively parallel sequencing-enabled mixture analysis of mitochondrial DNA samples**

**Churchill, Jennifer D.; Stoljarova, Monika; King, Jonathan L.; Budowle, Bruce** International Journal of Legal Medicine 2018 / 10 p. : ill <https://doi.org/10.1007/s00414-018-1799-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Matemaatika-loodusteaduskond Tallinna Tehnikaülikoolis**

**Lopp, Margus** Uuele kvaliteedile ja väärikale positsioonile : Tallinna Tehnikaülikool 2000-2015 2018 / lk. 323-338 : fot [http://www.ester.ee/record=b4775778\\*est](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, Mehmar; Shirani, Babak** Proceedings of The 2nd World Conference on Climate Change and Global Warming : Budapest, Hungary : 06-08 May 2022 2022 / p. 1-10 : ill <https://www.dpublication.com/wp-content/uploads/2022/04/600-3073.pdf>

**Mechanisms behind Helicobacter pylori-induced invadosomes in hepatocytes**

**Smirnova, Olga; Rukavitsõna, Elina; Kasak, K. (?); Sadul, Kersti; Spuul, Pirjo** Helicobacter Special Issue: XXXIst International Workshop on Helicobacter & Microbiota in Inflammation & Cancer, 14–15 September 2018, Kaunas, Lithuania 2018 / e12525, p. 55 <https://doi.org/10.1111/hel.12525>

**Mechanisms of toxic action of silver nanoparticles in the protozoan Tetrahymena thermophila : from gene expression to phenotypic events**

**Juganson, Katre; Mortimer, Monika; Ivask, Angela; Pucciarelli, Sandra; Miceli, Cristina; Orupõld, Kaja; Kahru, Anne** Environmental pollution 2017 / p. 481-489 : ill <https://doi.org/10.1016/j.envpol.2017.03.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mechanochemical activation of alkaline earth metals and its applications in organic synthesis = Mehhanokeemiline leelismuldmetallide aktiveerimine ja selle rakendused orgaanilises sünteesis**

**Nallaparaju, Jagadeesh Varma** 2025 [https://www.ester.ee/record=b5755144\\*est](https://www.ester.ee/record=b5755144*est) <https://digikogu.taltech.ee/et/Item/2a9a2e46-6d04-489a-a35e-6263a15248dd> <https://doi.org/10.23658/taltech.55/2025>

**Mechanochemical barbiere-type grignard addition reactions of organic halides**

**Nallaparaju, Jagadeesh Varma; Dalidovich, Tatsiana; Aav, Riina; Kananovich, Dzmitry** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 133 [Kogumik](#)

**Mechanochemical birch reduction with low reactive alkaline earth metals**

**Nallaparaju, Jagadeesh Varma; Satsi, Riin; Merzhyevskiy, Danylo; Jarg, Tatsiana; Aav, Riina; Kananovich, Dzmitry** Angewandte Chemie international edition 2024 / art. e202319449 <https://doi.org/10.1002/anie.202319449> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mechanochemical birch reduction with low reactive alkaline earth metals : [abstract]**

**Satsi, Riin; Nallaparaju, Jagadeesh Varma; Aav, Riina; Kananovich, Dzmitry** Balticum Organicum Syntheticum (BOS 2024) :



**Mechanochemical C–N Bond formation : From imatinib to macrocycles**

Aav, Riina INCOME 2025 : Book of Abstracts 2025 / p. 43 [https://www2.hu-berlin.de/income2025-berlin/INCOME2025\\_Program\\_abstracts.pdf](https://www2.hu-berlin.de/income2025-berlin/INCOME2025_Program_abstracts.pdf)

**Mechanochemical c–n bond forming reactions in the synthesis of active pharmaceutical ingredients**

Kudrjašov, Artjom; Dalidovich, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 106 [Kogumik](#)

**Mechanochemical C–N bond-forming reactions and their application in pharmaceutical synthesis = Mehhanokeemilised C–N sidemete tekkereaktsioonid ja nende rakendamise ravimite toimeainete sünteesil**

Nikonovich, Tatsiana 2024 <https://doi.org/10.23658/taltech.5/2024> <https://digikogu.taltech.ee/et/Item/0ee4407e-3c48-46cc-b96a-b082f42d9af9> [https://www.ester.ee/record=b5651597\\*est](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://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT\\_abstractbook\\_2021.pdf](https://fmdtk.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; Ustrnül, Lukas; Ward, Jas S.; Rjabovs, Vitalijs; Shubin, Kirill; Nallaparaju, Jagadeesh Varma; Vendelin, Marko; Preis, Sergei; Ören, Mario; Rissanen, Kari; Kananovich, Dzmitry; Aav, Riina Cell reports physical science 2024 / art. 102161 <https://doi.org/10.1016/j.xcrp.2024.102161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mechanochemistry-amended Barbier reaction as an expedient alternative to Grignard synthesis**

Nallaparaju, Jagadeesh Varma; Nikonovich, Tatsiana; Jarg, Tatsiana; Merzhyevskiy, Danylo; Aav, Riina; Kananovich, Dzmitry Angewandte Chemie international edition 2023 / art. e202305775 <https://doi.org/10.1002/anie.202305775> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Mechanosynthesis of hemicucurbiturils and their complexation : an analytical study = Hemikukurbituriilide mehhanosünteesi ja nende komplekseerimise analüüs**

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

**Medium viscosity effect on fluorescent properties of Sn(IV)-tetra(4-sulfonatophenyl)porphyrin complexes in buffer solutions**

Mamardashvili, Galina; Maltceva, Olga; Lazovski, Dmitriy; Khodov, Ilja; Borovkov, Victor Journal of molecular liquids 2019 / p. 1047-1053 : ill <https://doi.org/10.1016/j.molliq.2018.12.118>