

A universality of ethane-bridged bis-porphyrin structural motif for effective supramolecular chirogenesis, sensor development, and light harvesting systems

Borovkov, Victor The UGC-SAP Sponsored International Conference on New Horizons in Synthetic and Materials Chemistry (ICSMC-2015) : Mumbai, India, November 26-28, 2015 : abstract book 2015 / p. 8

Aasta teaduspreemia keemia ja molekulaarbioloogia alal teadustöö "Asümmeetrilised organokatalüütilised ja kaskaadreaktsioonid" eest : Tõnis Kanger

Kanger, Tõnis Eesti Vabariigi preemiad 2016 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2016 / lk. 74-83 : ill., portr

Aatomi ehitus. Keemiline side : õppevahend

Kallast, Vambola 1997 https://www.ester.ee/record=b1060345*est <https://digikogu.taltech.ee/et/Item/0741b4b7-193a-492d-b28a-3a4dc14c6e61>

Absolute quantitative multi-omics characterization of specific growth rate-dependent metabolism of Escherichia coli = Absoluutselt kvantitatiivsetel oomikameetoditel põhinev kasvuerikiirusest sõltuva Escherichia coli metabolismi kirjeldamine

Valgepea, Kaspar 2014 <https://digi.lib.ttu.ee/i/?1089>

Accessibility of published QSAR models : ecotoxic endpoints

Kahn, Iiris; Ahte, Priit; Sild, Sulev; Maran, Uko ALTEX proceedings. Vol. 4, No. 2 2015 / p. 119

Accessibility of published QSAR models : environmental fate endpoints

Kahn, Iiris; Ahte, Priit; Piir, Geven; Sild, Sulev; Maran, Uko Conferentia Chemometrica 2015 : Budapest, MTA TTK, September 13-16, 2015 2015 / p. P33

Activated oil shale ashes as sorbents for SO₂ removal from flue gases

Triikkel, Andres; Kaljuvee, Tiit; Kuusik, Rein, keemik; Maarend, Jaak 9th Regional (Central European) Conference IUAPPA and 3rd International Conference on Environmental Impact Assessment, Prague 1996 : up-to-date experiences and tasks of the transformation period : Czech Republic, September 23-26, 1996 : proceedings. Vol. 2 1996 / p. 306-310: ill

Advanced continuous cultivation methods for systems microbiology

Adamberg, Kaarel; Valgepea, Kaspar; Vilu, Raivo Microbiology 2015 / p. 1707-1719 : ill <https://doi.org/10.1099/mic.0.000146> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aggregation of phosphate and 1-tetradecyl-3-methylimidazolium chloride background electrolytes during micellar electrokinetic chromatography

Kazarjan, Jana; Vaher, Merike; Kaljurand, Mihkel Electrophoresis 2015 / p. 1040-1042 : ill <https://doi.org/10.1002/elps.201400448> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ahelais tootmine

Strandberg, Marek Inseneeria 2015 / lk. 4

Ajuinseneeria : erksuses ja rahuloleku nupp pea küljes

Strandberg, Marek Inseneeria 2015 / lk. 6 : fot https://artiklid.elnet.ee/record=b2738545*est

Akadeemia 2014. aasta eelarve täitmisest ja 2015. a eelarve : peasekretär Margus Lopp : [ettekanne Eesti TA üldkogu koosolekul 15. apr. 2015]

Lopp, Margus Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015 2016 / lk. 105-106

Akadeemik ja kultuuritegelane : Mihkel Veiderma 70

Kuusik, Rein, keemik Eesti Päevaleht 1999 / lk. 6: portr

Akud aiast ja põllult

Strandberg, Marek Inseneeria 2016 / lk. [8] https://artiklid.elnet.ee/record=b2766780*est

Alkyltitanium ate complexes generated from alkylmagnesium halides and titanium TADDOLate : NMR and computational study

Kananovich, Dzmitry; Adamson, Jasper; Osadchuk, Irina; Kudrjašova, Marina; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 84 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Allene oxide synthase-lipoxygenase pathway in coral stress response = Alleenoksiidi süntaas-lipoksügenaasi rada korallide stressivastuses

Löhelaid, Helike 2015 <https://digi.lib.ttu.ee/i/?1870> https://www.ester.ee/record=b4446782*est

Alternative solvents in oil shale studies

Koel, Mihkel International Symposium "Oil shale 100 years" : Estonia, Sept. 20-23, 2016 : [abstracts] 2016 / p. 40-41

Amino acid-functionalized calix[4]resorcinarene solubilization by mono- and dicationic surfactants

Zakharova, Lucia Ya.; Serdyuk, Anna A.; Mirgorodskaya, Alla B.; **Karpichev, Yevgen** Journal of surfactants and detergents 2016 / p. 493-499 : ill <https://doi.org/10.1007/s11743-016-1792-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Amphiphilic glycosylated block copolypeptides as macromolecular surfactants in the emulsion polymerization of styrene

Jacobs, Jaco; **Gathergood, Nicholas**; Heuts, Johan P. A.; Heise, Andreas Polymer chemistry 2015 / p. 4634-4640 : ill <https://doi.org/10.1039/C5PY00548E> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An assessment of alternative low level calculation methods for the initial selection of conformers of diastereomeric esters

Metsala, Andrus; Tamp, Sven; Danilas, Kady; Lille, Ülo; Villo, Ly; Vija, Sirje; Pehk, Tõnis; Parve, Omar Journal of theoretical chemistry 2014 / p. 1-10 : ill

An NMR and MD modeling insight into nucleation of 1,2-alkanediols : selective crystallization of lipase-catalytically resolved enantiomers from the reaction mixtures

Parve, Omar; Reile, Indrek; Parve, Jaan; Kasvandik, Sergio; **Kudrjašova, Marina; Tamp, Sven; Metsala, Andrus; Villo, Ly; Pehk, Tõnis**; Jarvet, Jüri; Vares, Lauri Journal of organic chemistry 2013 / p. 12795-12801 : ill <https://doi.org/10.1021/jo402189e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Journal metrics at WOS](#)

An optimized capillary electrophoresis method for the simultaneous analysis of biomass degradation products in ionic liquid containing samples

Aid, Tiina; Vaher, Merike 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 91 : ill http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

Analysis and quantification of remacrocyclisation of cyclohexylhemicucurbituril homologues

Fomitšenko, Maria; Peterson, Anna; Prigorchenko, Elena; Järving, Ivar; Aav, Riina EuroAnalysis 2015 : 6-10 September 2015, Bordeaux, France 2015

Analysis of cyclic sulfur mustard degradation products in water samples by HPLC and CE

Lees, Heidi; Avarlaid, Annela; Vaher, Merike; Kaljurand, Mihkel 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 75 : ill http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

Analysis of intermediates and quantification of products in synthesis of hemicucurbiturils

Fomitšenko, Maria; Prigorchenko, Elena; Peterson, Anna; Trunin, Madli; Järving, Ivar; Aav, Riina Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 61 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Analysis of organic species in sediments and soil by high performance separation methods = Orgaaniliste ainete analüüs sette ja mulla proovides kõrgefektiivsete lahutusmeetodite abil

Makarõtsëva, Natalja 2011 <https://digi.lib.ttu.ee/i/?614>

Analysis of sulfur mustard hydrolysis and oxidation products in seawater and sediments by capillary electrophoresis

Lees, Heidi; Jõul, Piia; Vaher, Merike; Kuhtinskaja, Maria; Kaljurand, Mihkel Science for the Environment 2015 : Aarhus, Denmark, 1-2 October : [abstracts] 2015 / [1] p <http://dce-conference.au.dk/abstracts/>

Analysis of thiodiglycol and its oxidation products in sediments by capillary electrophoresis

Lees, Heidi; Vaher, Merike; Kaljurand, Mihkel ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. P-55

Analytical applications of ionic liquids

2016 http://www.ester.ee/record=b4620895*est

Analytical separations in harsh environments

Kaljurand, Mihkel Trends in environmental analytical chemistry 2014 / e2-e7 : ill

Apolipoproteins C-I and C-III inhibit lipoprotein lipase activity by displacement of the enzyme from lipid droplets

Larsson, Mikael; Vorrjö, Evelina; Talmund, Philippa; **Löökene, Aivar**; Olivecrona, Gunilla Journal of biological chemistry 2013 / p. 33997-34008 : ill <https://doi.org/10.1074/jbc.M113.495366> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application and elaboration of accounting approaches for sustainable development = Jätkusuutliku arengu arvestusmeetodite arendamine ja rakendamine

Gavrilova, Olga 2012 <https://digi.lib.ttu.ee/i/?788>

Application of ethane-bridged bis-porphyrin structural motif for effective supramolecular chirogenesis, sensor development, and light harvesting systems

Borovkov, Victor; Gathergood, Nicholas 229th ECS Meeting : May 29 - June 2, 2016, San Diego, CA : abstract book 2016 / art. 836

Application of factor analysis to thermochromatography and protonation studies

Kudrjašova, Marina 2000 http://www.ester.ee/record=b1233805*est

Application of octaethylporphyrin structural motif for supramolecular chirogenesis

Borovkov, Victor; Gathergood, Nicholas Eighth [i.e. Ninth] International Conference on Porphyrins and Phthalocyanines (ICPP-9) : July 3-8, 2016, Nanjing, China 2016 / p. 33 <http://www.icpp-spp.org/icpp9/BOOKofABSTRACTS.pdf>

Application of octaethylporphyrin structural motif for supramolecular chirogenesis

Borovkov, Victor 227th ECS Meeting : May 24-28, 2015, Chicago, Illinois, USA : [abstracts] 2015 / p. 946
<https://ecs.confex.com/ecs/227/webprogram/Paper49194.html>

Aqueous photocatalytic oxidation of prednisolone

Klauson, Deniss; Pilnik-Sudareva, Jana; Budarnaja, Olga; Kritševskaja, Marina; Kuljasova, Julia; Käkinen, Aleksandr; Juganson, Katre; Preis, Sergei Abstracts of papers of the American Chemical Society. Vol. 245 2013 / [1] p

Aqueous photocatalytic oxidation of prednisolone

Klauson, Deniss; Pilnik-Sudareva, Jana; Pronina, Natalja; Budarnaja, Olga; Kritševskaja, Marina; Käkinen, Aleksandr; Juganson, Katre; Preis, Sergei Central European journal of chemistry 2013 / p. 1620-1633 : ill <https://doi.org/10.2478/s11532-013-0290-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Arseeni ja seleeni määramine juustes AAS - leegita meetodil = Electrothermal AAS for the determination of arsenic and selenium in hair

Viitak, Anu; Treumann, Maili XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 227-228 https://www.ester.ee/record=b1070511*est

Asjade haavad veriseks

Strandberg, Marek Inseneeria 2016 / lk. 10 : ill https://artiklid.elnet.ee/record=b2755210*est

Assignment of configuration of chiral cyclic compounds by modelled spin-spin couplings and vibrational circular dichroism spectra

Aav, Riina; Suun, Silver; Tamp, Sven; Ausmees, Kerti; Kriis, Kadri; Metsala, Andrus; Peterson, Anna; Öeren, Mario 2nd Polish-Taiwanese Conference : From Molecular Modeling to Nano- and Biotechnology : 26-28 August 2015, Opole, Poland 2015 / [1] p. : ill

Association of CD2 with fibrinogen in human plasma : depletion of the soluble E-receptor in blood clotting

Smorodin, Eugeny P.; Kurtenkov, O.A.; Ševtšuk, Igor Journal of immunoassay and immunochemistry 2007 / 4, p. 359-369
<https://www.tandfonline.com/doi/abs/10.1080/15321810701603708>

Asutajadekaanid : eesmärk on anda inimestele võimalus oma tööd paremini teha

Oorn, Arvo; Jervan, Gert; Kanger, Tõnis; Listra, Enn Mente et Manu 2016 / lk. 18-23 : fot https://artiklid.elnet.ee/record=b2797132*est

Asümmeetriline keemiline süntees - klaaspärlimängust rakendusteni

Lopp, Margus Teadusmõtte Eestis : täppisteadused : [artiklikogumik] 2006 / lk. 187-192 : ill https://www.ester.ee/record=b2230239*est

Asümmeetriliste alküleerimisreaktsioonide mehhanismi uurimine poolempiiriliste kvantkeemiliste arvutustega = Mechanistic studies of asymmetric alkylation reactions by semi-empirical quantum chemical calculations

Martin, Ivar; Parve, Omar; Vares, L. XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 109-110 https://www.ester.ee/record=b1070511*est

Asymmetric aminocatalytic Michael addition of cyclopropane-containing aldehydes to nitroalkenes

Reitel, Kärt; Lippur, Kristin; Järving, Ivar; Kudrjašova, Marina; Lopp, Margus; Kanger, Tõnis Synthesis 2013 / p. 2679-2683 : ill <https://doi.org/10.1055/s-0033-1338704> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric Ca-catalyzed Wittig [2,3]-rearrangement of allyloxy 1,3-dicarbonyl compounds

Lippur, Kristin; Kanger, Tõnis Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 106 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Asymmetric diastereoselective synthesis of spirocyclopropane derivatives of oxindole

Ošeka, Maksim; Noole, Artur; Žari, Sergei; Öeren, Mario; Järving, Ivar; Lopp, Margus; Kanger, Tõnis European journal of organic chemistry 2014 / p. 3599-3606 : ill <https://doi.org/10.1002/ejoc.201402061> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal](#)

Asymmetric organocatalytic aza-Michael reactions of isatin derivatives

Žari, Sergei; Metsala, Andrus; Kudrjašova, Marina; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis Synthesis 2015 / p. 875-886 : ill <https://doi.org/10.1055/s-0034-1379956> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic Michael and aldol reactions mediated by cyclic amines = Asümmeetriline organokatalüütiline Michaeli ja aldoolreaktsioon tsükliliste amiinide toime

Laars, Marju 2010 http://www.ester.ee/record=b2635250*est <https://digi.lib.ttu.ee/i/?511>

Asymmetric organocatalytic synthesis of 3,3'-disubstituted oxindoles = Asümmeetriline organokatalüütiline 3,3'-diasendatud oksindoolide süntees

Noole, Artur 2014 <https://digi.lib.ttu.ee/i/?1217> https://www.ester.ee/record=b3201689*est

Asymmetric organocatalytic synthesis of cyclopentanespirooxindoles

Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Lopp, Margus; Kanger, Tõnis TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Asymmetric organocatalytic synthesis of spiro-cyclopropane oxindoles

Ošeka, Maksim; Noole, Artur; Žari, Sergei; Kanger, Tõnis TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Asymmetric organocatalytic synthesis of spiro-cyclopropaneoindoles

Noole, Artur; Malkov, Andrei; Kanger, Tõnis Synthesis 2013 / p. 2520-2524 : ill <https://doi.org/10.1055/s-0033-1338505> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic synthesis of spiro-cyclopropyloxindoles

Noole, Artur; Ošeka, Maksim; Malkov, Andrei; Lopp, Margus; Kanger, Tõnis 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

Asymmetric organocatalytic Wittig [2,3]-rearrangement

Ošeka, Maksim; Kimm, Mariliis; Kanger, Tõnis Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 123 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Asymmetric organocatalytic wittig [2,3]-rearrangement of oxindoles

Ošeka, Maksim; Kimm, Mariliis; Kaabel, Sandra; Järving, Ivar; Rissanen, Kari; Kanger, Tõnis Organic letters 2016 / p. 1358-1361 : ill <https://doi.org/10.1021/acs.orglett.6b00291> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric synthesis of 2,2'-bimorpholine and its 5,5'-substituted derivatives = 2,2'-bimorfoliini ja selle 5,5'-asendatud derivaatide asümmeetriline süntees

Lippur, Kristin 2010 <https://digi.lib.ttu.ee/i/?476> https://www.ester.ee/record=b2590092*est

Asymmetric synthesis of 2,3,4-trisubstituted piperidines

Kriis, Kadri; Melnik, Triin; Lips, Kristiina; Juhanson, Ilona; Kanger, Tõnis Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 102 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Asymmetric synthesis of C2-symmetric bimorpholines and their application as chiral ligands in the transfer hydrogenation of aromatic ketones

Kriis, Kadri 2003 <https://digi.lib.ttu.ee/i/?4204>

Asymmetric synthesis of congested spiro-cyclopentaneoxindoles via an organocatalytic cascade reaction

Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Lopp, Margus; Kanger, Tõnis Journal of organic chemistry 2013 / p. 8117-8122 : ill <https://doi.org/10.1021/jo4008223> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric synthesis of congested spiro-cyclopentaneoxindoles via an organocatalytic cascade reaction

Noole, Artur; Kanger, Tõnis 248th ACS National Meeting and Exposition : August 10-14, 2014, San Francisco, CA : Chemistry and Global Stewardship 2014 / [1] p. : ill

Asymmetric synthesis of tertiary 2-substituted 5-oxotetrahydrofuran-2-carboxylic acids

Paju, Anne; Oja, Karolin; Matkevits, Katharina; Lumi, Priit; Järving, Ivar; Pehk, Tõnis; Lopp, Margus Heterocycles 2014 / p. 981-995 : ill [https://doi.org/10.3987/COM-13-S\(S\)28](https://doi.org/10.3987/COM-13-S(S)28) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric synthesis of the 2,2,3-trisubstituted cyclopentanone, D-ring fragment of 9,11-secosterols

Kõllo, Marek; Aav, Riina; Tamp, Sven; Jarvet, Jüri; Lopp, Margus Tetrahedron 2014 / p. 6723-6727 : ill <https://doi.org/10.1016/j.tet.2014.07.079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric synthesis of the D-ring fragment of 9,11-secosteroids and its configuration assignment

Kõllo, Marek; Aav, Riina; Tamp, Sven; Järvet, Jüri; **Lopp, Margus** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Aza-Michael reactions of isatin imines : deeper insight and origin of the stereoselectivity

Metsala, Andrus; Žari, Sergei; Kanger, Tõnis ChemCatChem 2016 / p. 2961-2967 : ill <https://doi.org/10.1002/cctc.201600584> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aza-Michael reactions of isatin imines : role of S-π interactions

Metsala, Andrus; Žari, Sergei; Lopp, Margus; Kanger, Tõnis Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 116 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

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

Gathergood, Nicholas 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 47 http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

Atomic layer deposition of high-k dielectrics on carbon nanoparticles

Tamm, Aile; Koel, Mihkel; Peikola, Anna-Liisa Thin solid films 2013 / p. 16-20 : ill <https://doi.org/10.1016/j.tsf.2012.09.071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Authentication of medicinal cannabis by electrophoretic fingerprints

Mazina, Jekaterina; Saar-Reismaa, Piret; Kuhtinskaja, Maria; Kaljurand, Mihkel; Kulp, Maria; Vaher, Merike 40th International Symposium on Capillary Chromatography and 13th GC×GC Symposium : May 29 - June 03, 2016, Riva del Garda Fierecongressi, Riva del Garda, Italy : abstract book 2016 / p. 475

Autolõbu lisandumas

Strandberg, Marek Inseneeria 2016 / lk. 8 : fot https://artiklid.elnet.ee/record=b2755209*est

Automatic spot preparation and image processing of paper microzone-based assays for analysis of bioactive compounds in plant extracts

Vaher, Merike; Borissova, Maria; Seiman, Andrus; Aid, Tiina; Kolde, Helen; Kazarjan, Jana; Kaljurand, Mihkel Food chemistry 2014 / p. 465-471 : ill <https://doi.org/10.1016/j.foodchem.2013.08.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Avarielektrijaam valmis, virtuaaljuuam arutamisel

Köster, Ain; Strandberg, Marek Inseneeria 2014 / lk. 40-43 : ill https://artiklid.elnet.ee/record=b2678063*est

Balticum Organicum Syntheticum Tallinnas : [1.-4. juulini 2012 TTÜs]

Lopp, Margus Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 268-272

Betzi piirile lähemale

Strandberg, Marek Inseneeria 2014 / lk. 34-37 : fot https://artiklid.elnet.ee/record=b2678374*est

Biochemical diagnosis of classical galactosemia and mucopolysaccharidoses in Estonia = Klassikalise galaktoseemia ja mukopolüsahharidooside biokeemiline diagnostika Eestis

Krabbi, Külliki 2012 <https://digi.lib.ttu.ee/i/?736>

Biodegradation of ionic liquids - a critical review

Jordan, Andrew; Gathergood, Nicholas Chemical Society reviews 2015 / p. 8200-8237 : ill <https://doi.org/10.1039/c5cs00444f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biogaasi tootmisest Eestis ning biogaasi tootmisel tekkiva kääritusjäägi ja vedelsõnniku väetusomaduste võrdlus

Pitk, Peep Piimafoorum 2013 2013 / lk. 42-45 : fot

Biokeemia õppematerjal

1998 https://www.ester.ee/record=b1033833*est

Biokeemia õppematerjal. 1

2003 http://www.ester.ee/record=b1801130*est

Biokeemia õppematerjal. 2

1996 https://www.ester.ee/record=b1284728*est

Biokeemia õppematerjal. 4

2003 http://www.ester.ee/record=b1779200*est

Biokeemia õppematerjal. 1

1996

Bioorgaaniline keemia Tallinna Tehnikaülikooli keemiainstituudis

Samel, Nigulas Teadusmõte Eestis : täppisteadused : [artiklikogumik] 2006 / lk. 193-197 : ill https://www.ester.ee/record=b2230239*est

Biotehnoloogia : laboratoorsete tööde juhend [Elektrooniline teavik]

2015 <http://www.ttu.ee/matemaatika-loodusteaduskond/keemiainstituut/biotehnoloogia-oppetool/materjalid-5/biotehnoloogia-i-ykb-1130/laborimaterjalid-4/>

Biotehnoloogia : laboratoorsete tööde juhend [Võrguväljaanne]

2014

Book review of "Lanthanide metal-organic frameworks"

Borovkov, Victor Frontiers in chemistry 2015 / p. 1-2 : ill <http://dx.doi.org/10.3389/fchem.2015.00050>

CaCl₂, bisoxazoline, and malonate : a protocol for an asymmetric Michael reaction

Lippur, Kristin; Kaabel, Sandra; Järving, Ivar; Rissanen, Kari; Kanger, Tõnis Journal of organic chemistry 2015 / p. 6336-6341 : ill <https://doi.org/10.1021/acs.joc.5b00769> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Calcium-catalyzed asymmetric reactions of 1,3-dicarbonyl compounds

Lippur, Kristin; Lopp, Margus; Kanger, Tõnis 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

Can isothermal microcalorimetry be used to characterise bacterial growth on prebiotic oligosaccharides?

Adamberg, Signe; Tomson, Katrin; Vija, Heiki; Wadström, T.; Ljungh, A.; Adamberg, Kaarel The Intestinal Microbiota and Gut Health : Contribution of the Diet, Bacterial Metabolites, Host Interactions and Impact on Health and Disease : IATA (CSIC), Valencia, Spain, 18th-20th September 2013 : conference proceedings, short communications 2013 / p. 15-17 : ill

Can selenium levels act as a marker of colorectal cancer risk?

Lener, Marcin R.; Kulp, Maria; Viitak, Anu BMC cancer 2013 / p. 1-6 : ill <https://doi.org/10.1186/1471-2407-13-214> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Capacitance-to-digital: A single chip detector for capillary electrophoresis

Drevinskas, Tomas; Kaljurand, Mihkel; Maruška, Audrius Electrophoresis 2014 / p. 2401-2407 : ill <https://doi.org/10.1002/elps.201300468> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Capillary electrophoresis method for determining biomass degradation products and monitoring glucose conversion to 5-hydroxymethylfurfural in ionic liquids

Aid, Tiina; Lopp, Margus; Vaher, Merike ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. P-23

Capillary electrophoresis on alkylimidazolium salts = Alküülimidasooliumi soolad kapillaarelektroforeesis

Borissova, Maria 2007 http://www.ester.ee/record=b2315954*est

Capillary electrophoretic monitoring of biochemical reaction kinetics = Biokeemiliste reaktsioonide kineetika kapillaarelektroforeetilise seire

Kulp, Maria 2006 <https://digi.lib.ttu.ee/i/?98> https://www.ester.ee/record=b2144683*est

Capillary electrophoretic monitoring of hydrothermal pre-treatment and enzymatic hydrolysis of willow : comparison with HPLC and NMR

Vaher, Merike; Helmja, Kati; Käsper, Andres; Kurašin, Mihhail; Väljamäe, Priit; Kudrjašova, Marina; Koel, Mihkel; Kaljurand, Mihkel Catalysis today 2012 / p. 34-41 : ill

Capillary electrophoretic study of the synergistic biological effects of alkaloids from Chelidonium majus L. in normal and cancer cells

Kulp, Maria; Bragina, Olga Analytical and bioanalytical chemistry 2013 / p. 3391-3397 : ill <https://doi.org/10.1007/s00216-013-6755-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon aerogel-cellulose films and fibres with electrical conductivity and antibacterial properties against cyanobacteria

Elhi, Fred; Kisand, Veljo; Peikola, Anna-Liisa; Koel, Mihkel; Aabloo, Alvo 3rd Seminar on Aerogels : Synthesis-Properties-Applications : 22-23 September 2016, Mines ParisTech - PSL Research University, Sophia Antipolis (France) : proceedings 2016 / p. 180

Carbon aerogels from 5-methylresorcinol-formaldehyde gels = Süsinikaerogeelid 5-metüülresortsinoolist ja formaldehüüdist

Perez-Caballero, Fernando 2008 <https://digi.lib.ttu.ee/1/2284> https://www.ester.ee/record=b2431316*est

A catalase-related hemoprotein in coral is specialized for synthesis of short-chain aldehydes : discovery of P450-type hydroperoxide lyase activity in a catalase

Teder, Tarvi; Lõhelaid, Helike; Boeglin, William E.; Calcutt, Wade M.; Brash, Alan R.; **Samel, Nigulas** Journal of biological chemistry 2015 / p. 19823-19832 : ill <https://doi.org/10.1074/jbc.M115.660282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cd²⁺ ja Mn²⁺ sidumine vesilahustest sünteetiliste fluorkarbonaatapatiitidega = Removal of Cd²⁺ and Mn²⁺ ions from aqueous solutions by fluorcarbonateapatites

Tõnsuaadu, Kaia; Peld, Merike; Veiderma, Mihkel; Bender, Villem XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 215-216 https://www.ester.ee/record=b1070511*est

Characteristic VCD signals of chiral hemicucurbiturils : (all-S)-cycHC[6], (all-R)-cycHC[8] and biotin[6]uril ester

Aav, Riina; Peterson, Anna; Prigorchenko, Elena; Öeren, Mario 10th International Symposium on Macrocyclic and Supramolecular Chemistry : Strasbourg, France, June 28th - July 2nd 2015 2015 / p. PA-1

Characterization of proteolysis in open texture Estonian cheese during ripening

Taivosalo, Anastassia; Pugi, Marin; Laht, Tiit-Maie Food and nutrition = Toit ja toitumine. XVII : book of abstracts : the 5th Baltic Conference on Food Science and Technology : Foodbalt-2010 2010 / p. 116-117 https://www.ester.ee/record=b1189751*est

Chemical composition of red wines made from hybrid grape and common grape (Vitis vinifera L.) cultivars

Pedastsaar, Priit; Vaher, Merike; Helmja, Kati; Kulp, Maria; Kaljurand, Mihkel; Karp, Kadri; Raal, Ain; Karathanos, Vaios; Püssa, Tõnu Proceedings of the Estonian Academy of Sciences 2014 / p. 444-453 : ill https://artiklid.elnet.ee/record=b2707387*est <https://doi.org/10.3176/proc.2014.4.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemosystematic markers for the essential oils in leaves of Mentha species cultivated or growing naturally in Estonia

Orav, Anne; Kapp, Karmen; Raal, Ain Proceedings of the Estonian Academy of Sciences 2013 / p. 175-186 https://artiklid.elnet.ee/record=b2624901*est <https://doi.org/10.3176/proc.2013.3.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chimeric allene oxide synthase- lipoxygenase fusion proteins

Lõhelaid, Helike; Samel, Nigulas 14th International PhD Symposium: "Overcoming Chaos- Networks in Life Sciences" 24-28.10.2012, Heidelberg, Germany 2012

Chiral cyclohexylhemicucurbit[n]uril homologues

Shmatova, Elena; Fomitšenko, Maria; Öeren, Mario; Reile, Indrek; **Järving, Ivar; Aav, Riina** 9th International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC-9) : program and book of abstracts : Shanghai Institute of Organic Chemistry, Shanghai, China, June 7-June 11, 2014 2014 / [1] p. : ill

Chiral cyclohexylhemicucurbit[n]urils

Shmatova, Elena; Fomitšenko, Maria; Öeren, Mario; Reile, Indrek; **Kuhtinskaja, Maria; Järving, Ivar; Aav, Riina** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Cobalt- and iron-containing nitrogen-doped carbon aerogels as non-precious metal catalysts for electrochemical reduction of oxygen

Sarapuu, Ave; Samolberg, Lars; **Kreek, Kristiina; Koel, Mihkel;** Matisen, Leonard; Tammeveski, Kaido Journal of electroanalytical chemistry 2015 / p. 9-17 : ill <https://doi.org/10.1016/j.jelechem.2015.03.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cobalt-containing nitrogen-doped carbon aerogels as efficient electrocatalysts for the oxygen reduction reaction

Kreek, Kristiina; Sarapuu, Ave; Samolberg, Lars; Joost, Urmas; **Mikli, Valdek; Koel, Mihkel;** Tammeveski, Kaido ChemElectroChem 2015 / p. 2079-2088 : ill <https://doi.org/10.1002/celec.201500275> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-digestion of sewage sludge and sterilized solid slaughterhouse waste : methane production efficiency and process limitations

Pitk, Peep; Kaparaju, Prasad; Palatsi, Jordi; Affes, Rim; **Vilu, Raivo** Bioresource technology 2013 / p. 227-232 : ill <https://www.sciencedirect.com/science/article/pii/S0960852413002526> <https://doi.org/10.1016/j.biortech.2013.02.029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Colorimetric determination of total phenolic contents in ionic liquid extracts by paper microzones and digital camera

Aid, Tiina; Kaljurand, Mihkel; Vaher, Merike Analytical methods 2015 / p. 3193-3199 : ill <https://doi.org/10.1039/c5ay00194c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Co-metabolism of amino acids and polyfructans by *Bacteroides thetaiotaomicron* in defined media

Adamberg, Signe; Tomson, Katrin; Vija, Heiki; Visnapuu, Triinu; **Adamberg, Kaarel** 2014 ENGIHR Conference : The Gut Microbiota Throughout Life : Max Rubner-Institut, Karlsruhe (Germany), 24th-26th September 2014 / [3] p. : ill

Commercial peppermint (*Mentha x piperita* L.) teas : antichlamydial effect and polyphenolic composition

Kapp, Karmen; Hakala, Elina; **Orav, Anne** Food research international 2013 / p. 758-766 : ill

<https://www.sciencedirect.com/science/article/abs/pii/S0963996913001087> <https://doi.org/10.1016/j.foodres.2013.02.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative study of cereal varieties by analytical separation methods and chemometrics = Teraviljasortide võrdlev uurimus analüütiliste lahutusmeetodite ja kemomeetria abil

Levandi, Tuuli 2013 <https://digi.lib.ttu.ee/i/?899> https://www.ester.ee/record=b2948245*est

Composition of the essential oil of the *Rhododendron tomentosum* Harmaja from Estonia

Raal, Ain; **Orav, Anne;** Gretšušnikova, Tatjana Natural product research 2014 / p. 1091-1098 : tab

<https://doi.org/10.1080/14786419.2014.907287> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Computational and ion mobility MS study of (all-S)-cyclohexylhemicucurbit[6]uril structure and complexes

Õeren, Mario; Shmatova, Elena; Tamm, Toomas; Aav, Riina Physical chemistry chemical physics 2014 / p. 19198-19205 : ill

<https://doi.org/10.1039/c4cp02202e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Computational study of cyclohexylhemicucurbiturils = Tsükloheksüülhemikukurbituriilide arvutuskeemiline modelleerimine

Õeren, Mario 2015 https://www.ester.ee/record=b4522693*est

A computerized flow injection analysis manifold for interference determination in flame atomic absorption spectrometry

Lahne, Riina; Viitak, Anu; Hödrejärvi, Helvi; Treumann, Maili; Friedenthal, Margus; Kaljurand, Mihkel Proceedings of the Estonian Academy of Sciences. Chemistry 2002 / p. 29-37 : ill

Computerized sampling in ion chromatography and in capillary electrophoresis

Kuldee, Ruth 1999 http://www.ester.ee/record=b1273072*est

Conformational switching of ethano-bridged Cu₂H₂-bis-porphyrin induced by aromatic amines

Bettini, Simona; Maglie, Emanuela; Pagano, Rosanna; **Borovkov, Victor** Beilstein journal of nanotechnology 2015 / p. 2154-2160 : ill

<https://doi.org/10.3762/bjnano.6.221> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A conserved π -cation and an electrostatic bridge are essential for 11R-lipoxygenase catalysis and structural stability

Eek, Priit; Piht, Mari-Ann; Rätsep, Margus; Freiberg, Arvi; **Järving, Ivar; Samel, Nigulas** Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids 2015 / p. 1377-1382 : ill

<https://doi.org/10.1016/j.bbalip.2015.07.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Construction of de novo all-carbon quaternary stereocenters in unbiased acyclic systems

Starkov, Pavel; Moore, Jared T.; Duquette, Douglas C.; Stoltz, Brian M.; Marek, Ilan Balticum Organicum Syntheticum : 3-6 July

2016, Riga, Latvia : program and abstracts 2016 / p. 150 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Content and composition of essential oil in oregano (*Origanum vulgare*) growing in Estonia

Raal, Ain; **Orav, Anne;** Ivask, Anu; Arak, Elmar The 6th International Pharmaceutical Conference "Science and Practice 2015" : November 5-6, 2015, Kaunas, Lithuania : book of abstracts 2015 / p. 62

Coordinated activation of PTA-ACS and TCA cycles strongly reduces overflow metabolism of acetate in *Escherichia coli*

Peebo, Karl; Valgepea, Kaspar; Nahku, Ranno; Riis, Gethe; Õun, Mikk; Adamberg, Kaarel; Vilu, Raivo Applied microbiology

and biotechnology 2014 / p. 5131-5143 : ill <https://doi.org/10.1007/s00253-014-5613-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrigendum to: "Comparison and applications of label-free absolute proteome quantification methods on *Escherichia coli*" [J Proteomics 75 (17) (2012) 5437-5448]

Arike, Liisa; Valgepea, Kaspar; Peil, Lauri; **Nahku, Ranno; Adamberg, Kaarel; Vilu, Raivo** Journal of Proteomics 2013 / p. 619

<https://doi.org/10.1016/j.jprot.2013.07.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Crystallographic study of cyclohexanohemicucurbit[n]urils and their complexes

Kaabel, Sandra; Trunin, Madli; Topic, Filip; Rissanen, Kari; **Aav, Riina** ECS3 book of abstracts : Bol, Croatia, 25 Sept. - 02 Oct.,

2016 2016 / p. 30 : ill http://ecs3.ecanews.org/PROGRAMME_files/ECS3_Book%20of%20Abstracts_z_v5.pdf

Cu-modified hydroxy-apatite as catalyst for Glaser-Hay C-C homo-coupling reaction of terminal alkynes

Maaten, Birgit; Moussa, Jamal; Desmarets, Christophe; Gredin, Patrick; Beaunier, Patricia; **Kanger, Tõnis**; **Tõnsuaadu, Kaia**; Villemin, Didier; Gruselle, Michel Journal of molecular catalysis A : chemical 2014 / p. 112-116 : ill

Cyclohexanohemicucurbit[8]uril - a neutral host for anionic guests

Kaabel, Sandra; Adamson, Jasper; Kalenius, Elina; Topic, Filip; **Õeren, Mario**; **Lõokene, Aivar**; Rissanen, Kari; **Aav, Riina** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 80 : ill
http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Cyclohexanohemicucurbit[8]uril - a neutral host for anionic guests

Kaabel, Sandra; Adamson, Jasper; Kalenius, Elina; Topic, Filip; **Õeren, Mario**; **Lõokene, Aivar**; Rissanen, Kari; **Aav, Riina** 11th International Symposium on Macrocyclic and Supramolecular Chemistry : ISMSC-2016 : Seoul, Korea, 10-14 July 2016 2016 / p. PA051

Cyclohexylhemicucurbit[8]uril - a chiral macrocyclic host for anionic guests

Kaabel, Sandra; Topic, Filip; **Shmatova, Elena**; **Kudrjašova, Marina**; Kalenius, Elina; Kivijärvi, Lauri; **Aav, Riina**; Rissanen, Kari Acta crystallographica section A : foundations and advances 2015 / p. s475 <http://dx.doi.org/10.1107/S2053273315092992>

Cyclohexylhemicucurbit[8]uril - a chiral macrocyclic host for anionic guests

Kaabel, Sandra; Topic, Filip; **Prigorchenko, Elena**; **Kudrjašova, Marina**; Kalenius, Elina; Kivijärvi, Lauri; **Aav, Riina**; Rissanen, Kari ECM29 : 29th European Crystallographic Meeting : Young Crystallographers' Satellite Meeting : Rovinj, Croatia, August 23, 2015 : [abstracts] 2015 / [1] p. : ill http://ecm29.ecanews.org/wp-content/uploads/10_Sandra_Kaabel.pdf

Cyclohexylhemicucurbiturils as supramolecular necklace for guest molecule

Prigorchenko, Elena; **Õeren, Mario**; **Kaabel, Sandra**; **Kruusamägi, Madli**; **Fomitšenko, Maria**; Reile, Indrek; Topic, Filip; Rissanen, Kari; **Aav, Riina** 10th International Symposium on Macrocyclic and Supramolecular Chemistry : Strasbourg, France, June 28th - July 2nd 2015 2015 / p. PB-44

Cyclopentane-1,2-dione and cyclopent-2-en-1-one in asymmetric organocatalytic reactions

Preegel, Gert; **Mose, Rasmus**; **Silm, Estelle**; **Lopp, Margus** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 133 http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Cyclopentane-1,2-dione and cyclopent-2-en-1-one in asymmetric organocatalytic reactions = Tsüklopentaan-1,2-diooni ja tsüklopent-2-een-1-ooni asümmeetrilised organokatalüütilised reaktsioonid

Preegel, Gert 2016 https://www.ester.ee/record=b4570177*est

Deammonification process start-up after enrichment of anammox microorganisms from reject water in a moving-bed biofilm reactor

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; Kroon, Kristel; Vabamäe, Priit; Salo, Erik; Tenno, Taavo; **Loorits, Liis**; Dc Rubin, Sergio S. C.; Vlaeminck, Siegfried E. Environmental Technology (United Kingdom) 2013 / p. 3095 - 3101
<https://doi.org/10.1080/09593330.2013.803134> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Degradation of fructans and production of propionic acid by Bacteroides thetaiotaomicron are enhanced by the shortage of amino acids

Adamberg, Signe; **Tomson, Katrin**; Vija, Heiki; **Puurand, Marju**; Kabanova, Natalja; Visnapuu, Triinu; Jõgi, Eerik; Alamäe, Tiina; **Adamberg, Kaarel** Frontiers in nutrition 2014 / p. 1-9 : ill

Degradation of organophosphate pesticides using pyridinium based functional surfactants

Sharma, Rahul; Gupta, Bhanushree; **Karpichev, Yevgen**; **Gathergood, Nicholas** ACS sustainable chemistry & engineering 2016 / p. 6962-6973 : ill <https://doi.org/10.1021/acssuschemeng.6b01878> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Demopaatia, kannatuste haigus

Strandberg, Marek KesKus 2015 / lk. 6 : ill <http://kes-kus.ee/demopaatia-kannatuste-haigus/>

Department of Chemistry

2010 https://www.ester.ee/record=b2661882*est

Department of Chemistry

Hõdrejärvi, Helvi; **Veiderma, Mihkel**; **Kuusik, Rein**, keemik; **Hõdrejärvi, Helvi**; **Kallast, Vambola**; **Lille, Ülo**; **Õpik, Andres**; **Köstner, Ado**; **Vilu, Raivo**; **Kreen, Malle**; **Kuusik, Rein**, keemik; **Õpik, Andres** Research activities / Tallinn Technical University 1993 / p. 45-48 https://www.ester.ee/record=b1053754*est

Department of Chemistry / Tallinn University of Technology, Faculty of Science

2008 https://www.ester.ee/record=b5655170*est

Department of Chemistry : activity report 1994

1995 https://www.ester.ee/record=b1060032*est

Department of Chemistry : activity report 1995

1996 https://www.ester.ee/record=b1060032*est

Department of Chemistry : activity report 1996

1997 https://www.ester.ee/record=b1060032*est

Design and validation of novel chikungunya virus protease inhibitors

Das, Pratyush Kumar; Puusepp, Laura; Varghese, Finny S.; Utt, Age; Ahola, Tero; **Kananovich, Dzmitry; Lopp, Margus**; Merits, Andres; Karelson, Mati Antimicrobial agents and chemotherapy 2016 / p. 7382-7395 : ill <https://doi.org/10.1128/AAC.01421-16> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection of banned chemicals in various matrices (saliva, sediments) by capillary electrophoresis

Kaljurand, Mihkel; Mazina-Šinkar, Jekaterina; Saar-Reismaa, Piret; Jõul, Piia; Lees, Heidi; Tretjakova, Anastassia; Kulp, Maria; Vaher, Merike 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 38 http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

Detection of banned chemicals in various matrices (saliva, sediments) by capillary electrophoresis

Kaljurand, Mihkel; Mazina, Jekaterina; Saar-Reismaa, Piret; Jõul, Piia; Lees, Heidi; Špiljova, Anastassija; Kulp, Maria; Vaher, Merike ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. L-36

Detection of psycho- and bioactive drugs in different sample matrices by fluorescence spectroscopy and capillary electrophoresis = Psühho- ja bioaktiivsete ainete tuvastamine erinevates proovimatriksites kasutades fluorentsspektroskoopia ja kapillaarelektroforeesi meetodeid

Mazina, Jekaterina 2016 https://www.ester.ee/record=b4536419*est

Determination of GHB and marijuana (THC, CBD) abuse in saliva by capillary electrophoresis

Mazina, Jekaterina; Saar-Reismaa, Piret; Špiljova, Anastassija; Kaljurand, Mihkel; Kulp, Maria; Vaher, Merike ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. YS-4

Determination of metal content in superoxide dismutase enzymes by capillary electrophoresis

Kazarjan, Jana; Vaher, Merike; Hunter, Therese; Kulp, Maria; Hunter, Gary James; Bonetta, Rosalin; Farrugia, Diane; Kaljurand, Mihkel Journal of separation science 2015 / p. 1042-1045 : ill <https://doi.org/10.1002/jssc.201400925> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of phenolic compounds and their antioxidative capability in plant extracts = Meetodid fenoolsete ühendite määramiseks ja nende antioksidatiivsuse hindamiseks

Helmja, Kati 2010 https://www.ester.ee/record=b2561129*est

Determination of post-blast explosive residues in various matrices using portable capillary electropherograph with contactless conductivity detection

Kobrin, Eeva-Gerda; Kuban, Petr; Kaljurand, Mihkel TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Determination of γ-hydroxybutyric acid in saliva by capillary electrophoresis coupled with contactless conductivity and indirect UV absorbance detectors

Mazina, Jekaterina; Saar-Reismaa, Piret; Kulp, Maria; Kaljurand, Mihkel; Vaher, Merike Electrophoresis 2015 / p. 3042-3049 : ill <https://doi.org/10.1002/elps.201500293> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development and application of various on- and off-line analytical methods for the analysis of bioactive compounds = Mitmemõõtmeliste analüüsimeetodite väljatöötamine ja rakendamine bioaktiivsete ühendite analüüsil

Ehala, Sille 2006 <https://digi.lib.ttu.ee/i/?102> https://www.ester.ee/record=b2148215*est

Development and applications of chemically defined media for lactic acid bacteria = Defineeritud koostisega söötmete arendamine ja kasutusalad piimhappebakteritele

Aller, Kadri 2016 http://www.ester.ee/record=b4567664*est

Development and production of extruded food and feed products containing probiotic microorganisms = Probiootilisi mikroorganisme sisaldavate ekstrudeeritud toiduainete ja loomasöötade tootmistehnoloogia väljatöötamine ja rakendamine

Kazarjan, Aram 2012

Development of a capillary electrophoresis method with direct UV detection for the analysis of thiodiglycol and its

oxidation products

Jõul, Piia; Lees, Heidi; Vaher, Merike; Kobrin, Eeva-Gerda; Kaljurand, Mihkel; Kuhtinskaja, Maria Electrophoresis 2015 / p. 1202-1207 : ill <https://doi.org/10.1002/elps.201500038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of a microcalorimetric method for the study of fermentation processes = Kalorimeetrilise meetodi väljatöötamine fermentatsiooniprotsesside uurimiseks

Kabanova, Natalja 2013 https://www.ester.ee/record=b2945255*est

Development of an analysis method for the determination of sulfur mustard hydrolysis and oxidation products in seawater by a portable capillary electrophoresis instrument

Jõul, Piia; Kuhtinskaja, Maria; Kaljurand, Mihkel ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. P-53

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

Lees, Heidi; Kaljurand, Mihkel; Vaher, Merike 40th International Symposium on Capillary Chromatography and 13th GC×GC Symposium : May 29 - June 03, 2016, Riva del Garda Fierecongressi, Riva del Garda, Italy : abstract book 2016 / p. 255

Development of methods for the CE analysis of plant phenolic compounds and vitamins = Kapillaarelektroforeesil põhinevate meetodite väljatöötamine taimsete fenoolsete ühendite ja vitamiinide analüüsiks

Gorbatšova, Jelena 2011 <https://digi.lib.ttu.ee/i/?640>

Development of point of care applications for capillary electrophoresis = Sündmuskohal läbiviidavate kapillaarelektroforeetiliste ekspressanalüüside arendamine

Kobrin, Eeva-Gerda 2016 https://www.ester.ee/record=b4640579*est

Development of sensitive fluorescence detector for determination of cannabis abuse in saliva by capillary electrophoresis

Mazina, Jekaterina; Tretjakova, Anastassia; Saar-Reismaa, Piret; Gorbatšova, Jelena; Kulp, Maria; Vaher, Merike; Erme, Enn; Kaljurand, Mihkel 18th International Symposium on Advanced in Extraction Technologies (ExTech'2016) & the 22nd International Symposium on Separation Science (ISSS'2016), July 3-6, 2016, Torun, Poland : abstract book 2016 / p. 176-177

DFT study of the cesium cation containing complexes relevant to the cesium cation binding by the humic acids = DFT arvutus Cs katiooni interaktsioonidest humiinühenditega orgaaniliste mudelühendite baasil

Tamp, Sven 2007 https://www.ester.ee/record=b2269605*est

Diastereoselective multicomponent cascade reaction for the synthesis of heterobicyclic heptanes

Kriis, Kadri; Ausmees, Kerti; Plado, Anita; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

Digital microfluidics platform for interfacing solid-liquid extraction column with portable capillary electropherograph for analysis of soil amino acids

Gorbatšova, Jelena; Jaanus, Martin; Vaher, Merike; Kaljurand, Mihkel Electrophoresis 2016 / p. 472-475 : ill <https://doi.org/10.1002/elps.201500284> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Direct access to multifunctionalized norcamphor scaffolds by asymmetric organocatalytic Diels–Alder reactions

Mose, Rasmus; Jensen, Magnus E.; Preegel, Gert; Jorgensen, Karl Anker Angewandte Chemie international edition 2015 / p. 13630-13634 : ill <http://dx.doi.org/10.1002/anie.201507348>

Direct amidation of unprotected amino acids using B(OCH₂CF₃)₃

Lanigan, Rachel M.; Karaluka, Valerija; Sabatini, Marco T.; Starkov, Pavel Chemical communications 2016 / p. 8846-8849 : ill <http://dx.doi.org/10.1039/C6CC05147B>

Do we need Green Analytical Chemistry

Koel, Mihkel Green chemistry 2015 / [9] p. : ill <http://dx.doi.org/10.1039/C5GC02156A>

Do we need Green Analytical Chemistry?

Koel, Mihkel Green chemistry 2016 / p. 923-931 : ill <https://doi.org/10.1039/c5gc02156a> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Droonimured ja nende lahendused

Strandberg, Marek Inseneeria 2016 / lk. [6] : fot https://artiklid.elnet.ee/record=b2796762*est

Dynamic hemicucurbiturils

Aav, Riina Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 24 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Ecosystem changes in large and shallow Võrtsjärv, a lake in Estonia - evidence from sediment pigments and phosphorus fractions

Tõnno, Ilmar; Kirs, Anna-Liisa; Freiberg, Rene; **Alliksaar, Tiit; Lepane, Viia**; Kõiv, Toomas; **Kisand, Anu; Heinsalu, Atko** Boreal environment research 2013 / p. 195-208 : ill <https://www.semanticscholar.org/paper/Ecosystem-changes-in-large-and-shallow-V%C3%B5rtsj%C3%A4rv%2C-a-T%C3%B5nno-Kirs/1b6537bb746d1efabb83b1db1529b453fa231138> Journal metrics at Scopus Article at Scopus

Eelosoneerimise mõju looduslike orgaaniliste ainete biolagunemisele = The impact of pre-treatment with ozone on biodegradation of natural organic matter-case study

Rožkov, Aleksei; Strömberg, A.; Karlsson, K.; **Preis, Sergei** XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 175-176 https://www.ester.ee/record=b1070511*est

Eessõna eestikeelsele väljaandele

Parmak, Merle Väsimuse haldamine sõjalistel operatsioonidel : juhtnööre ülematele 2013 / lk. [6]

Eesti riik Briti rosinanokkijate kallal

Strandberg, Marek Õhtuleht 2016 / lk. 6

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014

2015

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015

2016

Eesti Teaduste Akadeemia juubeliaasta - 1998

1999 https://www.ester.ee/record=b1227152*est

Eestis leiutatud neutriino

Proosi, Almar Inseneeria 2015 / lk. 18-20, 22 : fot https://artiklid.elnet.ee/record=b2725585*est

Eestis müristab sama kõvasti kui Gagarini kosmosereisi aegu

Enno, Sven-Erik; **Strandberg, Marek** Inseneeria 2014 / lk. 44-45 : fot https://artiklid.elnet.ee/record=b2678066*est

Eestis oktoobris-detsembris 2014 kaitstud tehnoloogia-, tootmise- ja ettevõtlusealased doktoritööd : [TTÜst Nikolai Voltšihin, Liina Lind, Nicole Delpeche-Ellmann, Irina Klimova, Ene Viir ja Merle Rihma]

Inseneeria 2015 / lk. 44-47 https://artiklid.elnet.ee/record=b2711268*est

Effect of new superhard phases formation on properties of composite processed by SHS

Kommel, Lembit; Tamm, Toomas; Metsvahi, Raido Engineering materials and tribology 2013 / p. 137-142

Effect of structure of polycyclic aromatic substrates on solubilization capacity and size of cationic monomeric and gemini 14-s-14 surfactant aggregates

Serdyuk, Anna A.; Mirgorodskaya, Alla B.; **Kapitanov, Illia; Gathergood, Nicholas; Karpichev, Yevgen** Colloids and surfaces A : physicochemical and engineering aspects 2016 / p. 613-622 : ill <https://doi.org/10.1016/j.colsurfa.2016.09.068> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ehitusjooksu uus stardipakk

Strandberg, Marek Inseneeria 2015 / lk. 4

Eksperthinnang : "Ülerõhu piirväärtuste ning ohualade määramine"

Tomberg, Tõnu; Idla, Katrin; Strandberg, Marek 2015

https://www.siseministeerium.ee/sites/default/files/dokumendid/Uuringud/Ennetus/2015_stratek_eksperthinnang_ylerohu_piirvaartust.pdf

Electrochemically driven carbon-based materials as EAPs : fundamentals and device configurations [Online resource]

Torop, Janno; Peikola, Anna-Liisa; Aabloo, Alvo; **Koel, Mihkel**; Asaka, Kinji; Baughman, Ray Electromechanically active polymers : a concise reference 2016 / p. 1-16 http://dx.doi.org/10.1007/978-3-319-31767-0_18-1

Electroreduction of oxygen on cobalt- and iron-containing nitrogen-doped carbon aerogels

Sarapuu, Ave; Samolberg, Lars; **Kreek, Kristiina; Koel, Mihkel**; Joost, Urmas; Tammeveski, Kaido BEC 16 : the 6th Baltic Electrochemistry Conference : Electrochemistry of Functional Interfaces and Materials : 15th-17th June 2016, Helsinki, Finland 2016 / p. 20

Elektronmikroskoopia võimalused ehitiste kivimaterjalide korrosioonikahjustuste uurimiseks = Usage of electron microscopy in survey of corrosion damages of stone building materials

Põldme, Meeme; Kallavus, Urve XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry

Days : abstracts of scientific conference 1996 / lk. 155-156 https://www.ester.ee/record=b1070511*est

The emission of sulphur dioxide during thermooxidation of solid fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 47

Enantioselective cyclopropanation of carboxylic esters with alkyl magnesium bromides in the presence of titanium(IV) (4R,5R)-TADDOLates

Konik, Yulia A.; Kananovich, Dzmitry; Kulinkovich, Oleg Tetrahedron 2013 / p. 6673-6678 : ill

<https://doi.org/10.1016/j.tet.2013.05.118> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective organocatalytic Michael addition of cyclopentane-1,2-diones to electrophiles

Preegel, Gert; Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 248th ACS National Meeting and Exposition : August 10-14, 2014, San Francisco, CA : Chemistry and Global Stewardship 2014 / [1] p. : ill

Enantioselective organocatalytic Michael addition of cyclopentane-1,2-diones to electrophiles

Preegel, Gert; Noole, Artur; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

Enantioselective organocatalytic Michael addition of cyclopentane-1,2-diones to nitro olefins

Preegel, Gert; Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Enantioselective organocatalytic Michael addition of cyclopentane-1,2-diones to nitroolefins

Preegel, Gert; Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Synthesis 2014 / p. 2595-2600 : ill <https://doi.org/10.1055/s-0034-1378374> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective organocatalytic Michael addition–cyclization cascade of cyclopentane-1,2-dione with substituted (E)-2-oxobut-3-enates

Preegel, Gert; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Synthesis 2015 / p. 3805-3812 : ill

<https://doi.org/10.1055/s-0035-1560347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective organocatalytic synthesis of oxa-spirooxindole derivatives

Trubitsin, Dmitri; Žari, Sergei; Kudrjašova, Marina; Lippur, Kristin; Ošeka, Maksim; Kanger, Tõnis Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 161 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Enantioselective Tsuji-Trost reactions in low toxicity ionic liquids

Ghavre, Mukund; Quilty, Brid; Gathergood, Nicholas Current green chemistry 2016 / p. 181-189 : ill

<https://doi.org/10.2174/2213346103666160728115628>

Enhanced expression of human prostaglandin H synthase-2 in the yeast Pichia pastoris and removal of the C-terminal tag with bovine carboxypeptidase A

Kukk, Kaia; Samel, Nigulas Journal of biotechnology 2016 / p. 224-231 : ill <https://doi.org/10.1016/j.jbiotec.2016.06.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancing of corrosion resistance of steel-bonded hardmetals in acid conditions

Kübarsepp, Jakob; Kallast, Vambola; Annuka, Harri Powder Technology 95 : Vth Baltic Conference, November 7-8, 1995, Tallinn 1995 / I. 37-38 https://www.ester.ee/record=b1492085*est

Enrichment of Plasticicumulans acidivorans at pilot-scale for PHA production on industrial wastewater

Tamis, Jelmer; Lužkov, Kätlin; Jiang, Yang; Loosdrecht, Mark C.M. van; Kleerebezem, Robbert Journal of biotechnology 2014 / p. 61-169 : ill <https://doi.org/10.1016/j.jbiotec.2014.10.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental risks and problems of the optimal management of an oil shale semi-coke and ash landfill in Kohtla-Järve, Estonia

Vallner, Leo; Gavrilova, Olga; Vilu, Raivo Science of the total environment 2015 / p. 400-415 : ill

<https://doi.org/10.1016/j.scitotenv.2015.03.130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

E-prostaglandiinide teke : väitekiri on esitatud Tallinna Tehnikaülikooli loodusteaduste magistrikraadi taotlemiseks : magistritöö

Kristjuhan, Siret 1994 https://www.ester.ee/record=b2089668*est

Escherichia coli achieves faster growth by increasing catalytic and translation rates of proteins

Valgepea, Kaspar; Adamberg, Kaarel; Seiman, Andrus; Vilu, Raivo Molecular biosystems 2013 / p. 2344-2358 : ill

<https://doi.org/10.1039/c3mb70119k> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Escherichia coli achieves faster growth by increasing catalytic and translation rates of proteins

Valgepea, Kaspar; Adamberg, Kaarel; Seiman, Andrus; **Vilu, Raivo** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Essential oil content and composition in Tanacetum vulgare L. herbs growing wild in Estonia

Raal, Ain; **Orav, Anne; Gretšušnikova, Tatjana** Journal of essential oil bearing plants 2014 / p. 670-675 : tab

<https://doi.org/10.1080/0972060X.2014.958554> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014

2015 https://www.ester.ee/record=b1218154*est

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2015

2016 https://www.ester.ee/record=b1218154*est

Estonia's energy-related greenhouse gas emissions in 1995-2011 : a structural decomposition analysis

Gavrilova, Olga; Vilu, Raivo Review of economics & finance 2015 / p. 67-84 : ill <http://www.bapress.ca/ref/ref-article/1923-7529-2015-01-67-18.pdf>

Ethane-bridged bis-porphyrin structural motif for effective supramolecular chirogenesis, sensor development, and light harvesting

Borovkov, Victor The International Conference on Polymers and Advanced Materials (POLYMAT-2015) : Huatulco, Mexico, October 18-22, 2015 : abstracts book 2015 / p. 9-10

EUCHEM2014 : Molten Salts and Ionic Liquids XXV : 6-11 July 2014, Tallinn, Estonia : programme

2014 https://www.ester.ee/record=b4777207*est

Evaluation of the biological effects of engineered nanoparticles on unicellular pro- and eukaryotic organisms = Sünteetiliste nanoosakeste bioloogiliste efektide hindamine üherakulistel pro- ja eukarüootsetel organismidel

Mortimer, Monika 2011 https://www.ester.ee/record=b2709099*est

Evidence for two distinct binding sites for lipoprotein lipase on glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1 (GPIHBP1)

Reimund, Mart; Larsson, Mikael; Kovrov, Oleg; Kasvandik, Sergo; Olivecrona, Gunilla; **Löökene, Aivar** Journal of biological chemistry 2015 / p. 13919-13934 : ill <https://doi.org/10.1074/jbc.M114.634626> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Excess of threonine compared with serine promotes threonine aldolase activity in Lactococcus lactis IL1403

Aller, Kadri; Adamberg, Kaarel; Reile, Indrek; **Timarova, Veronica; Peebo, Karl; Vilu, Raivo** Microbiology 2015 / p. 1073-1080 : ill <https://doi.org/10.1099/mic.0.000071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expression of human prostaglandin H synthases in the yeast Pichia pastoris = Inimese prostaglandiin H süntaaside ekspresseerimine pärmis Pichia pastoris

Kukk, Kaia 2016 http://www.ester.ee/record=b4621165*est

Extracellular conversion of silver ions into silver nanoparticles by protozoan Tetrahymena thermophila

Juganson, Katre; Mortimer, Monika; Ivask, Angela; Kasemets, Kaja; Kahru, Anne Environmental Sciences: Processes and Impacts 2013 / p. 244 - 250 <https://doi.org/10.1039/c2em30731f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Facile synthesis of distally fluorinated ketones by copper-mediated oxidative ring cleavage of cyclopropanols

Konik, Yulia A.; Zubrytski, Dzmitry M.; **Gathergood, Nicholas; Kananovich, Dzmitry; Lopp, Margus** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 85 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Fenoolsete ühendite fotokatalüütiline oksüdeerimine põlevkivitööstuse heitvetes = Photocatalytical oxidation of phenolic compounds in wastewater from oil shale treatment

Preis, Sergei; Terentjeva, Jelena; Rožkov, Aleksei XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 153-154 https://www.ester.ee/record=b1070511*est

Feoforbiid-a kompleks diaminobutaan-polüpropüleenimiinse dendrimeeriga - uus fotodünaamilise teraapia fotosensibilisaator

Ševtšuk, Igor; Tšekulajeva, Ludmilla; Tšekulajev, Vladimir XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 109-110

Fermentation of reconstituted milk by *Streptococcus thermophilus* : effect of irradiation on skim milk powder

Stulova, Irina; Kabanova, Natalja; Kriščiunaite, Tiina; Taivosalo, Anastassia; Laht, Tiiu-Maie; Vilu, Raivo International dairy journal 2013 / p. 139-149 : ill <https://doi.org/10.1016/j.idairyj.2013.02.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fingerprinting postblast explosive residues by portable capillary electrophoresis with contactless conductivity detection

Kobrin, Eeva-Gerda; Lees, Heidi; Fomitšenko, Maria; Kuban, Petr; Kaljurand, Mihkel Electrophoresis 2014 / p. 1165-1172 : ill <https://doi.org/10.1002/elps.201300380> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fluorescence spectroscopy of sedimentary pore-water humic substances : a simple tool for retrospective analysis of lake ecosystems

Leeben, Aina; Mikomägi, Annika; Lepane, Viia; Aliksaar, Tiiu Journal of soils and sediments 2014 / p. 269-279 : ill <https://doi.org/10.1007/s11368-013-0768-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fluorescence, electrophoretic and chromatographic fingerprints of herbal medicines and their comparative chemometric analysis

Mazina, Jekaterina; Vaher, Merike; Kuhtinskaja, Maria; Porõvkina, Larisa; Kaljurand, Mihkel Talanta 2015 / p. 233-246 : ill <https://doi.org/10.1016/j.talanta.2015.02.050> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Foreword

Kuusik, Rein, keemik Reports of Tallinn Technical University. G, Chemistry and chemical engineering = Tallinna Tehnikaülikooli ülevaated. G, Chemistry and chemical engineering = Отчеты Таллинского технического университета. G, Chemistry and chemical engineering : Department of Chemistry : activity report 1996 / p. 5 https://www.ester.ee/record=b1060032*est

Foreword

Kuusik, Rein, keemik Department of Chemistry : activity report 1996 1997 / p. 4 https://www.ester.ee/record=b1060032*est

Fosforiidipeo ajupesu ja akadeemiline bluff

Strandberg, Marek Õhtuleht 2016 / lk. 10-11 <https://www.oh tuleht.ee/723310/marek-strandberg-majanduslik-ajupesu-ja-akadeemiline-bluff-tantsuparnerid-fosforiidipeol>

Fosforiit : kas alternatiiv on olemas?

Strandberg, Marek Inseneeria 2016 / lk. [22] : ill https://artiklid.elnet.ee/record=b2797058*est

Fragment-based QSAR approach for novel indole-like TrkA receptor antagonist

Tammiku-Taul, Jaana; Dobchev, Dimitar Atanasov; Karelson, Mati; Timmusk, Tõnis; Park, Rahel; Jaanson, Kaur; Luberg, Kristi; Kananovich, Dzmitry; Noole, Artur; Kanger, Tõnis; Lopp, Margus 8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015) : Chios, Greece, June 21-25, 2015 : book of abstracts 2015 / p. 68

Fragment-based QSAR for the prediction of novel Trk inhibitors

Tammiku-Taul, Jaana; Karelson, Mati; Dobchev, Dimitar Atanasov XIV European Symposium of Organic Reactivity (ESOR XIV) : book of abstracts 2013 / p. 181

Fragment-based QSAR for the prediction of novel TrkA inhibitors

Tammiku-Taul, Jaana; Karelson, Mati; Dobchev, Dimitar Atanasov Scientific programme & book of abstracts : QSAR 2014 2014 / p. 170

Füüsika lugu : [Ivar Piiri raamatu "Füüsika ajalugu: õpik kõrgkoolidele" põhjal]

Strandberg, Marek Sirp 2014 / lk. 36 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/2014-01-16-14-09-58-2/>

GE katsetab turbiinajamis süsihappegaasi

Strandberg, Marek Inseneeria 2016 / lk. [6] : fot http://www.ester.ee/record=b2336521*est https://artiklid.elnet.ee/record=b2780105*est

A general approach to the synthesis of 5-S-functionalized pyrimidine nucleosides and their analogues

Kananovich, Dzmitry; Reino, Aili; Ilmarinen, Kaja; Rõõmusoks, Marko; Karelson, Mati; Lopp, Margus 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 77 <https://pubs.rsc.org/en/content/articlelanding/2014/ob/c4ob00597j>

A general approach to the synthesis of 5-S-functionalized pyrimidine nucleosides and their analogues

Kananovich, Dzmitry; Reino, Aili; Ilmarinen, Kaja; Rõõmusoks, Marko; Karelson, Mati; Lopp, Margus Organic & biomolecular chemistry 2014 / p. 5634-5644 : ill <https://pubs.rsc.org/en/content/articlelanding/2014/ob/c4ob00597j> <https://doi.org/10.1039/c4ob00597j> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Genome-wide investigation of mRNA lifetime determinants in *Escherichia coli* cells cultured at different growth rates

Esquerré, Thomas; Moisan, Annick; Chiapello, Hélène; Arike, Liisa; Vilu, Raivo; Gaspin, Christine; Coccagn-Bousquet, Muriel;

Girbal, Laurence BMC Genomics 2015 / art. 275 <https://doi.org/10.1186/s12864-015-1482-8> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Glucose activates NOX signaling pathway in platelets

Kobzar, Gennadi; Mardla, Vilja; Samel, Nigulas Primary care diabetes 2016 / p. e5 <http://dx.doi.org/10.1016/j.pcd.2016.08.017>

Glükogeeni ainevahetus ja pentoosfosfaadirada : 11. osa

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 389-428 : ill

Glükooosi pidurdav toime trombotsüütide agregatsiooni inhibeerimisele COX-i inhibiitorite ja L-arginiiniga in vitro

Mardla, Vilja; Rooks, Ebe; Kobzar, Gennadi; Samel, Nigulas Eesti Arst 2014 / lk. 263-267 : ill

https://artiklid.elnet.ee/record=b2671441*est

Halogeenide kõrgtemperatuurne difusioon polüparafenüleenis = High temperature diffusion of halogens in polyparaphenylene

Golovtsov, Igor; Öpik, Andres XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry

Days : abstracts of scientific conference 1996 / lk. 31-32 https://www.ester.ee/record=b1070511*est

Heterogeneous platinum catalytic aerobic oxidation of cyclopentane-1,2-diols to cyclopentane-1,2-diones

Reile, Indrek; **Kalle, Sigrid**; Werner, Franz; **Järving, Ivar**; **Kudrjašova, Marina**; **Paju, Anne**; **Lopp, Margus** Tetrahedron 2014 / p.

3608-3613 : ill <https://doi.org/10.1016/j.tet.2014.03.104> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A highly stereoselective route to medium-ring-sized trans-alkenolides via oxidative fragmentation of bicyclic oxycyclopropane precursors : application to the synthesis of (+)-recifeiolide

Zubrytski, Dzmitry; Kananovich, Dzmitry; Kulinkovich, Oleg Tetrahedron 2014 / p. 2944-2950 : ill

<https://www.sciencedirect.com/science/article/abs/pii/S0040402014003524>

High-performance liquid chromatography (HPLC)-size exclusion chromatography (SEC) for qualitative detection of humic substances and dissolved organic matter in mineral soils and peats in Lithuania

Jokubauskaite, Ieva; Amaleviciute, Kristina; **Lepane, Viia**; Slepeliene, Alvyra; Slepetyt, Jonas; Liaudanskiene, Inga; Karcauskiene, Danute; Booth, Colin A. International journal of environmental analytical chemistry 2015 / p. 508-519 : ill

<https://doi.org/10.1080/03067319.2015.1048435> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

HPLC study of dissolved organic matter dynamics and water quality in River Vääna, Estonia

Lepane, Viia; Suursööt, Kristel [IHSS 18 - 18th International Conference of International Humic Substances Society : Kanazawa City, Ishikawa, Japan, September 11 - 16, 2016 : book of abstracts] 2016 / [2] p

Hydrogen peroxide, superoxide, and hydroxyl radicals are involved in the phototoxic action of hematoporphyrin derivative against tumor cells

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir; Ilmarinen, Kaja Journal of environmental pathology, toxicology, and oncology 2006 / p. 51-77 : ill <https://pubmed.ncbi.nlm.nih.gov/16566710/>

Identification and characterization of dairy-related Lactobacillus

Kask, Signe 2003 https://www.ester.ee/record=b1782591*est

Identification and structure-functional characterisation of the gene transcriptional repressor domain of human Gli proteins = Inimese Gli-alkude transkriptsioonilise repressordomeeni määramine ja struktuurilis-funktsionaalne iseloomustus

Tsanev, Robert 2014 https://www.ester.ee/record=b4412583*est

Identification of a small molecule that stabilizes lipoprotein lipase in vitro and lowers triglycerides in vivo

Larsson, Mikael; Caraballo, Remi; **Lookene, Aivar** Biochemical and biophysical research communications 2014 / p. 1063-1069 : ill

<https://doi.org/10.1016/j.bbrc.2014.06.114> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Impact of alkalisation of the soil on the anatomy of Norway spruce (Picea abies) needles

Lukjanova, Aljona; Mandre, Malle; **Saarman, Gerly** Water, air, and soil pollution 2013 / p. 1-12 : ill <https://doi.org/10.1007/s11270-013-1620-3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Impact of seasonal climate change on optical and molecular properties of river water dissolved organic matter by HPLC

Lepane, Viia; Väli, Anna-Liisa; Suursööt, Kristel The 17th Meeting of the International Humic Substances Society : book of abstracts : Ioannina, Greece 1-5 September 2014 2014 / p. 34-35 : ill

Impact of seasonal climate change on optical and molecular properties of river water dissolved organic matter by HPLC-SEC and UV-vis spectroscopy

Lepane, Viia; Depret, Laura; Väli, Anna-Liisa; Suursööt, Kristel Chemical and Biological Technologies in Agriculture 2015 / p. 1-

Improved C5D electronic realization of conductivity detector for capillary electrophoresis

Jaanus, Martin; Udal, Andres; Kukk, Vello; Umbleja, Kadri; Gorbatšova, Jelena; Mölder, Lauri Elektronika ir elektrotehnika = Electronics and electrical engineering 2016 / p. 29-32 : ill <https://doi.org/10.5755/j01.eie.22.3.15311> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Improving ADM1 model to simulate anaerobic digestion start-up within inhibition phase based on cattle slurry

Normak, Argo; Suurpere, Jaak; Suitso, Indrek; Jõgi, Erkki; Kokin, Eugen; Pitk, Peep Biomass and Bioenergy 2015 / p. 260 - 266 <https://doi.org/10.1016/j.biombioe.2015.05.021> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

In silico approach to finding new scaffolds for LRRK2 inhibition

Kahn, Iiris; Lomaka, Andre; Karelson, Mati European Pharma Summit : Berlin, Germany, May 5-8, 2015 : abstracts 2015 / [1] p

In silico machine learning methods in drug development

Dobchev, Dimitar Atanasov; Pillai, Girinath Gopinathan; Karelson, Mati Current topics in medicinal chemistry 2014 / p. 1913-1922 <https://doi.org/10.2174/1568026614666140929124203> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Indole-like Trk receptor antagonists

Tammiku-Taul, Jaana; Park, Rahel; Jaanson, Kaur; Luberg, Kristi; Dobchev, Dimitar Atanasov; Kananovich, Dzmitry; Noole, Artur; Mandel, Merle; Kaasik, Allen; Lopp, Margus; Timmusk, Tõnis; Karelson, Mati European journal of medicinal chemistry 2016 / p. 541-552 : ill <https://doi.org/10.1016/j.ejmech.2016.06.003> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of heating on the activity of xanthine oxidase in tumor cells subjected to the phototoxic action of hematoporphyrin derivative

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir; Oginskaya, E. Neoplasma 2007 / p. 229-234 https://www.academia.edu/49855199/Influence_of_heating_on_the_activity_of_xanthine_oxidase_in_tumor_cells_subjected_to_the_phototoxic_action_of_hematoporphyrin_derivative

Influence of microstructure of the curd on enzymatic and microbiological processes in Swiss-type cheese

Laht, Tiit-Maie 2003 https://www.ester.ee/record=b1782607*est

Influence of pH and glucose administration on the phototoxicity of chlorine-e6 towards Ehrlich carcinoma cells

Ševtšuk, Igor; Tšekulajev, Vladimir; Tšekulajeva, Ludmilla Experimental oncology 2002 / p. 135-141 : ill https://www.researchgate.net/publication/233920567_INFLUENCE_OF_pH_AND_GLUCOSE_ADMINISTRATION_ON_THE_PHOTOTOXICITY_OF_CHLORIN-e6_TOWARDS_EHRlich_CARCINOMA_CELLS

Influence of temperature on the efficiency of photodestruction of Ehrlich ascites carcinoma cells sensitized by hematoporphyrin derivative

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir Experimental oncology 2004 / p. 125-139 <https://pubmed.ncbi.nlm.nih.gov/15273663/>

Informatsiooni magnetkanal inimkehas

Strandberg, Marek Inseneeria 2015 / lk. 6 https://artiklid.elnet.ee/record=b2741109*est

Inhibition of platelet aggregation with combination of antiplatelet agents = Trombotsüütide agregatsiooni inhibeerimine antiagregatiivsete ainete kombineerimisega

Mardla, Vilja 2008 https://www.ester.ee/record=b2367690*est

Insight into the mechanism and stereochemistry of the transformations of alkyltitanium ate-complexes. An enhanced enantioselectivity in the cyclopropanation of the carboxylic esters with titanacyclopentane reagents

Kulinkovich, Oleg G.; Kananovich, Dzmitry G.; Lopp, Margus; Snieckus, Victor Advanced synthesis and catalysis 2014 / p. 3615-3626 : ill <https://doi.org/10.1002/adsc.201400480> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Insight into the mechanism and stereochemistry of the transformations of alkyltitanium ate-complexes. An enhanced enantioselectivity in the cyclopropanation of the carboxylic esters with titanacyclopentane reagents

Kananovich, Dzmitry; Lopp, Margus; Snieckus, Viktor; Kulinkovich, Oleg 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 76

Integrated and organized cellular bioenergetic systems in heart and brain

Anmann, Tiia 2007 http://www.ester.ee/record=b2281020*est

Integrating gene and protein expression data with genome-scale metabolic networks to infer functional pathways

Pey, Jon; Valgepea, Kaspar; Rubio, Angel; Beasley, John E; Planes, Francisco Javier BMC Systems Biology 2013 / art. 134

Interaction between the cesium cation and cesium carboxylates : an extended Cs⁺ basicity scale

Mayeux, Charly; **Tammiku-Taul, Jaana**; Massi, Lionel; Gal, Jean-François; Burk, Peeter ChemPlusChem 2013 / p. 1195 - 1204
<https://doi.org/10.1002/cplu.201300181> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interaction of humic substances with metal cations

Übner, Monika 2004 https://www.ester.ee/record=b1990652*est

International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts

Sniečkus, Victor; Lopp, Margus 2006 http://www.ester.ee/record=b2155608*est

Investigation of 11R-lipoxygenase quaternary structure

Eek, Priit; Pöldemaa, Kaspar; Kasvandik, Sergo; **Järving, Ivar**; **Samel, Nigulas** Book of abstracts : 6th European Workshop on Lipid Mediators (6EWLM), Goethe University in Frankfurt am Main, Germany, September 27-30, 2016 2016 / p. 112 http://workshop-lipid.eu/pictures/Abstract%20book-6EWLM_160926.pdf

Investigation of endogenous antioxidants and their synthetic analogues by capillary electrophoresis = Endogeensete antioksüdantide ja nende sünteetiliste analoogide uurimine kapillaarelektroforeesi meetodil

Kazarjan, Jana 2016 https://www.ester.ee/record=b4535586*est

Investigation of the adsorption and desorption of sulfur mustard degradation products in sediments by capillary electrophoresis [Online resource]

Lees, Heidi; Vaher, Merike; Kaljurand, Mihkel CECE 2016 : 13th International Interdisciplinary Meeting on Bioanalysis : October 17-19, 2016, Hotel Continental, Brno, Czech Republic : [proceedings] 2016 / p. 182-185 : ill http://www.ce-ce.org/CECE2016/Proceedings%20CECE%202016_WOS.pdf

Investigation of the surfactant type and concentration effect on the retention factors of glutathione and its analogues by micellar electrokinetic chromatography

Kazarjan, Jana; Mahlapuu, Riina; Hansen, Mats; Soomets, Urel; **Kaljurand, Mihkel; Vaher, Merike** Journal of separation science 2015 / p. 3461-3468 : ill <https://doi.org/10.1002/jssc.201500567> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ionic liquids as solvents for making composite materials from cellulose

Elhi, Fred; **Aid, Tiina; Koel, Mihkel** Proceedings of the Estonian Academy of Sciences 2016 / p. 255-266 : ill
<https://doi.org/10.3176/proc.2016.3.09> https://artiklid.elnet.ee/record=b2798397*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ionic liquids as specific additives in separation methods

Koel, Mihkel; Vaher, Merike 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 35 http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

Ionic liquids in capillary electrophoresis

Vaher, Merike Analytical applications of ionic liquids 2016 / p. 105-136 : ill http://www.ester.ee/record=b4620895*est

Iridium PCP pincer complexes in electrochemical CO₂ hydrogenation

Osadchuk, Irina; Ahlquist, Marten S. G. TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [2] p. : ill

Isesõitev auto liidab inimesi

Strandberg, Marek Inseneeria 2016 / lk. [6] : ill https://artiklid.elnet.ee/record=b2797052*est

The isolation and characterization of human natural [alpha]-gal-specific IgG antibodies applicable to the detection of [alpha]-gal-glycosphingolipids

Smorodin, Eugeni P.; Kurtenkov, O.A.; **Ševtšuk, Igor**; Tanner, R.H. Journal of immunoassay and immunochemistry 2005 / p. 145-156 <https://pubmed.ncbi.nlm.nih.gov/15794123/>

Isomers and conformers of complexes of Ti(OiPr)₄ with cuclopentane-1,2-dione : NMR study and DFT calculations

Osadchuk, Irina; Pehk, Tõnis; Paju, Anne; Lopp, Margus; Öeren, Mario; Tamm, Toomas International journal of quantum chemistry 2014 / p. 1012-1018 : ill <https://doi.org/10.1002/qua.24619> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Järjekordne vabads kasutada autosid

Strandberg, Marek Eesti Päevaleht 2004 / lk. 3 <https://epl.delfi.ee/artikkel/50993364/marek-strandberg-jarjekordne-vabads-kasutada-autosid>

Kahe tuhande viieteistkümnenda aasta jaanuarikuus kaitstud inseneeria ja tehnoloogia ning tööstuse valdkonna doktoriväitekirjad [TTÜs]
Inseneeria 2015 / lk. 46, 48

2015. aasta veebruaris ja märtsis kaitstud inseneeria ja tehnoloogia ning tööstuse valdkonna doktoriväitekirjad [TTÜs]
Inseneeria 2015 / lk. 8-11 https://artiklid.elnet.ee/record=b2725570*est

21. sajandi Eesti kool ning loodusõpetus

Vilu, Raivo Loodusõpetus Eesti kooli uues õppekavas : loodusõpetuse õpetajate I üleriigiline konverents Tallinna Tehnikaülikoolis 1998 / lk. 51-73

Kakutiibadest tuulegeneraatorilabad

Strandberg, Marek Inseneeria 2015 / lk. 6 https://artiklid.elnet.ee/record=b2738557*est

Kapillaarelektroforees bioanalüütikas

Kaljurand, Mihkel Teadusmõte Eestis : täppisteadused : [artiklikogumik] 2006 / lk. 233-239 : ill https://www.ester.ee/record=b2230239*est

Kas paavst või rektor?

Strandberg, Marek Inseneeria 2015 / lk. 6 https://artiklid.elnet.ee/record=b2723071*est

Kas praamimonopol või lihtsalt väga head praamid? : [Vjatšeslav Leedo ärist]

Strandberg, Marek Inseneeria 2014 / lk. 28-32 : fot https://artiklid.elnet.ee/record=b2678372*est

Kas rektor või paavst?

Strandberg, Marek Eesti Ekspress 2015 / lk. 38 <https://ekspress.delfi.ee/artikkel/71286359/marek-strandberg-kas-rektor-voi-paavst>

Kas tehiskirg haarab inimkonna oma kontrolli alla enne tehisintellekti?

Strandberg, Marek Inseneeria 2014 / lk. 10-12 : ill https://artiklid.elnet.ee/record=b2707490*est

Kasvajarakkude pinna morfoloogilised muutused hematoporfüriini derivaadi (HPD) fotodünaamilisel toimel on seotud ATP alanemisega ja tsütoskeleti proteiinide sulfhüdrilsete rühmade oksüdatsiooniga

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 146-147 : ill https://www.ester.ee/record=b1761049*est

Keemia alused : praktikum

2004 http://www.ester.ee/record=b1953691*est

Keemia Instituut. Publikatsioonid 1989-2002 = Institute of Chemistry. Publications 1989-2002

2003 https://www.ester.ee/record=b1778779*est

Keemiainsenerid Tallinna Tehnikaülikoolist

Öpik, Andres; Mikkal, Valdek Eesti Keemia Selts 75 1994 / lk. 56-62: sk https://www.ester.ee/record=b1065478*est

Keemiline defitsiit : [mineraalelementide ja vitamiinide vaegusest lastel]

Silla, Raiot; Viitak, Anu Tervisekaitse 1995 1996 / lk. 86-91 : ill https://www.ester.ee/record=b1226408*est

Kemomeetria

Kaljurand, Mihkel 2008 http://www.ester.ee/record=b2431325*est

Kemomeetria, kromatograafia ja kompuutrid analüütikas - kas midagi jääb ka katseklaasikeemiale?

Kaljurand, Mihkel Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 161 https://www.ester.ee/record=b1052731*est

Kemomeetriline hinnang raskmetallide sisaldusele muldades = Hemometrical look at the heavy metals in soils

Hõdrejärvi, Helvi XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 43-44 https://www.ester.ee/record=b1070511*est

Kerra püütud valgus

Strandberg, Marek Inseneeria 2015 / lk. 10 : fot https://artiklid.elnet.ee/record=b2748895*est

Kes on päikesekeemikud?

Koel, Mihkel Inseneeria 2014 / lk. 44-45 : fot https://artiklid.elnet.ee/record=b2678379*est

Kes tegi? Ti tegi! Korduv ajalugu - sedapuhku relvatehnika vallas

Strandberg, Marek Inseneeria 2015 / lk. 8-10 : fot https://artiklid.elnet.ee/record=b2738587*est

Keskkonnasensorid juhtivatel polümeeridel = Environmental sensors based conductive polymers

Bereznev, Sergei; Sõritski, Vitali; Öpik, Andres XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 17-18 https://www.ester.ee/record=b1070511*est

Kinetic resolution of epoxy alcohols with the Sharpless Ti isopropoxide/tartaric ester complex

Maljutenko, Karolin; Paju, Anne; Pehk, Tõnis; Järving, Ivar; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 112 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Kinetic resolution of epoxy alcohols with the Sharpless Ti-isopropoxide/tartaric ester complex

Maljutenko, Karolin; Paju, Anne; Järving, Ivar; Pehk, Tõnis; Lopp, Margus Tetrahedron : asymmetry 2016 / p. 608-613 : ill <https://doi.org/10.1016/j.tetasy.2016.05.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kinetic studies on the mechanism of haematoporphyrin derivative photobleaching

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir; Jäälaid, Raissa Proceedings of the Estonian Academy of Sciences. Chemistry 2002 / p. 49-70 : ill https://artiklid.elnet.ee/record=b1009280*est

A kinetic view of the mechanism of the Grignard reaction with alkoxy silanes

Ploom, Anu; Tuulmets, Ants; Panov, Dmitri; Burk, Peeter Phosphorus, sulfur, and silicon and the related elements 2015 / p. 509-519 : ill <https://doi.org/10.1080/10426507.2014.952002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A kinetic view to the mechanism of the Grignard reaction with alkoxy silanes

Ploom, Anu; Tuulmets, Ants XXVI International Conference on Organometallic Chemistry : July 13-18, 2014, Sapporo, Japan 2014

Koagulandi saamine glaukoniidist = Obtaining coagulant from glauconite

Kuusik, Rein, keemik; Viisimaa, Ludmilla; Aasamäe, Ernst XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 89-90 https://www.ester.ee/record=b1070511*est

Kolloidkeemia loengujoonised

1993 https://www.ester.ee/record=b1065018*est

3D-printimine teel tööstusesse

Puusild, Harro; **Strandberg, Marek** Äripäev 2016 / lk. 34-35

3D-kaamerad - jälle üks

Strandberg, Marek Inseneeria 2015 / lk. 41 : ill https://artiklid.elnet.ee/record=b2738580*est

3D-printimise tavatu turvaauk

Strandberg, Marek Inseneeria 2016 / lk. [8] : ill https://artiklid.elnet.ee/record=b2762497*est

31. ptk. Nukleotiidide ainevahetus

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 519-536 : ill

13. ptk. Seedimine: toidu ümbertöötlemine raku biomolekulideks; 14. ptk. Ainevahetus: üldpõhimõtted ja muster; 15. ptk.

Glükolüüs; 16. ptk. Glükoneogenees

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 207-286 : ill

Konnektroom ehk ajast ja selle juhtmestikust

Strandberg, Marek Inseneeria 2015 / lk. 20 https://artiklid.elnet.ee/record=b2745535*est

Kuidas hoiduda arengulõksust?

Veinthal, Renno; Lopp, Margus; Kattel, Rainer; Öpik, Andres; Kamratov, Ardo Mente et Manu 2014 / lk. 4-7 : fot https://www.ester.ee/record=b1242496*est

Kvaliteeditagamise analüütilises keemias

Leito, Ivo; **Viitak, Anu** 2007 https://www.ester.ee/record=b2238181*est

Kõhedusttekitavad modellid - prussakad

Strandberg, Marek Inseneeria 2016 / lk. 9 : ill https://artiklid.elnet.ee/record=b2760097*est

Laboratoorsete tööde protokollivihik

2006 https://www.ester.ee/record=b2409442*est

Laboratoorsete tööde protokollivihik

2009 http://www.ester.ee/record=b2322285*est

Laboratoorsete tööde protokollivihik

2011 http://www.ester.ee/record=b2322285*est

Laboratoorsete tööde protokollivihik

2007 http://www.ester.ee/record=b2322285*est

Laboratoorsete tööde protokollivihik

2014 http://www.ester.ee/record=b3071026*est

Laboratoorsete tööde protokollivihik

2004 http://www.ester.ee/record=b4257378*est

Laboratoorsete tööde protokollivihik

2013 http://www.ester.ee/record=b2322285*est

Laboratoorsete tööde protokollivihik

2016 http://www.ester.ee/record=b3071026*est

Laboratoorsete tööde protokollivihik

2015

Laboratoorsete tööde protokollivihik

2012

Lactate is a possible mediator of the glucose effect on platelet inhibition

Kobzar, Gennadi; Mardla, Vilja; Samel, Nigulas Platelets 2014 / p. 239-245 : ill <https://doi.org/10.3109/09537104.2013.816670>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lahendus liitiumikriisile, tulevasele liitiumikriisile

Strandberg, Marek Inseneeria 2016 / lk. 8 : fot https://artiklid.elnet.ee/record=b2755207*est

Lean-proteome strains - next step in metabolic engineering

Valgepea, Kaspar; **Peebo, Karl; Adamberg, Kaarel; Vilu, Raivo** Frontiers in bioengineering and biotechnology 2015 / p. 1-4
<https://doi.org/10.3389/fbioe.2015.00011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Leiutajatel on laiutamisruumi küllaga : juhtkiri

Strandberg, Marek Inseneeria 2014 / lk. 4

Lignotselluloosse biomassi eeltöötlus ioonsete vedelikega

Aid, Tiina; Koel, Mihkel; Vaher, Merike XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013 / lk. 11

Lihttehnoloogiline (low-tech) Trooja hobune

Strandberg, Marek Time Out Architecture : la Biennale di Venezia : 9th International Architecture Exhibition 2004 / lk. 23-30 : ill
https://artiklid.elnet.ee/record=b2143839*est

Liitiumipuudust saab ravida magneesiumiga

Strandberg, Marek Inseneeria 2016 / lk. [7] : ill http://www.ester.ee/record=b2336521*est https://artiklid.elnet.ee/record=b2776172*est

Lipase-catalysed acyl transfer in deoxysugars : a computational study

Kaevand, Toomas; Villo, Ly; Metsala, Andrus; Parve, Omar; Lille, Ülo International journal of engineering and applied sciences (EAAS) 2015 / p. 1-7 : ill

Lipase-catalysed reactions of prostaglandins

Vallikivi, Imre 2004 http://www.ester.ee/record=b1990575*est

Lipase-catalyzed stereoresolution of long-chain 1,2-alkanediols: a screening of preferable reaction conditions

Parve, Jaan; Reile, Indrek; **Aid, Tiina; Kudrjašova, Marina; Müürisepp, Aleksander-Mati**; Vallikivi, Imre; **Villo, Ly; Aav, Riina**; Pehk, Tõnis; Vares, Lauri; **Parve, Omar** Journal of molecular catalysis B : enzymatic 2015 / p. 60-69 : ill
<https://doi.org/10.1016/j.molcatb.2015.03.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

"Lipolase" allub sekundaarsete alkoholide enantioeelistuse üldisele reeglile nii vesi kui ka superkriitilise SKCO₂ keskkonnas = "Lipolase" obeys the general enantiopreference rule of secondary alcohols in water and supercritical (SC)CO₂ media as well

Lille, Ülo; Metsala, Andrus; Parve, Omar; Tõugu, Vello; Vija, Heiki XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 101-102

Lipoxygenase-allene oxide synthase pathway in octocoral thermal stress response

Lõhelaid, Helike; Teder, Tarvi; Samel, Nigulas Coral reefs 2015 / p. 143-154 : ill <https://doi.org/10.1007/s00338-014-1238-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lipoxygenase-catalyzed transformation of epoxy fatty acids to hydroxy-endoperoxides : a potential P450 and lipoxygenase interaction

Teder, Tarvi; Boeglin, William E.; Brash, Alan R. Journal of lipid research 2014 / p. 2587-2596 : ill <https://doi.org/10.1194/jlr.M054072> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lonidamiini fotodünaamiliste ja antineoplastiliste omaduste uurimine

Tšekulajev, Vladimir; Ševtšuk, Igor; Tšekulajeva, Ludmilla; **Kahru, Anne** XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 139-141 https://www.ester.ee/record=b1067568*est

Looduskeskkonna toime ehitiste ja konstruktsioonide kivi- ja puitmaterjalidele

Põldme, Meeme; Kallavus, Urve; Utsal, Kalju Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtteid 1996 / lk. 276 https://www.ester.ee/record=b1052731*est

Loomakasvatustes ja lihatööstuses tekkivate loomsete kõrvalsaaduste kasutusvõimalused biogaasi ja orgaanilise väetise tootmiseks

Pitk, Peep Lihafoorum 2013 / lk. 17-21 : ill

Maaailma tuleviku energeetikaliidrid Koreas

Preegel, Gert Mente et Manu 2014 / lk. 21 https://artiklid.elnet.ee/record=b2656744*est

Mapping capability of SFS method combined with cluster analysis for illegal drugs distribution : feasibility study

Mazina, Jekaterina; Kaljurand, Mihkel; Porõvkina, Larisa TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [2] p. : ill

Marek Strandberg võib luua roheliste erakonna : [Tanel Tammeti ja Marek Strandbergi kommentaaridega]

Seaver, Urmas Postimees 2004 / 28. sept., lk. 3 : fot <https://epl.delfi.ee/artikkel/50993870/marek-strandberg-voib-luua-roheliste-erakonna>

Marek Strandberg: "Hea peaminister, vana puu peeretus pole ohtlik!"

Teder, Teet; **Strandberg, Marek** Õhtuleht 2016 / lk. 2

Margus Lopp 60

Mente et Manu 2009 / lk. 5 : fot https://www.ester.ee/record=b1242496*est

Matemaatika-loodusteaduskond

Muks, Elvi; Kelve, Merike; Lille, Ülo Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922-2007 2008 / lk. 72-78 : ill https://www.ester.ee/record=b2412718*est

Mechanisms of toxic action of Ag, ZnO and CuO nanoparticles to selected ecotoxicological test organisms and mammalian cells in vitro: A comparative review

Ivask, Angela; **Juganson, Katre**; Bondarenko, Olesja; Mortimer, Monika; Aruoja, Villem; Kasemets, Kaja; Blinova, Irina; Heinlaan, Margit; Slaveykova, Vera; Kahru, Anne Nanotoxicology 2014 / p. 57-71 : ill <https://doi.org/10.3109/17435390.2013.855831> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Meditiinidiagnostika labor käepärastest vahenditest

Strandberg, Marek Inseneeria 2015 / lk. 9 : ill https://artiklid.elnet.ee/record=b2738561*est

Meie maailm paistab olevat väike virvendus

Strandberg, Marek Sirp 2013 / lk. 24 : fot

Mesophilic co-digestion of dairy manure and lipid rich solid slaughterhouse wastes : process efficiency, limitations and floating granules formation

Pitk, Peep; Palatsi, Jordi; Kaparaju, Prasad; Fernandez, Belen; **Vilu, Raivo** Bioresource technology 2014 / p. 168-177 : ill <https://doi.org/10.1016/j.biortech.2014.05.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A metabolic study of insect cells in batch and continuous culture : application of chemostat and turbidostat to the production of recombinant proteins

Drews, Monika 1999 http://www.ester.ee/record=b1055103*est

Metal-doped aerogels based on resorcinol derivatives = Resortsinooli derivaatidel põhinevad metalli sisaldavad aerogeelid

Kreek, Kristiina 2016 http://www.ester.ee/record=b4619897*est

Metallide korrosioon ja korrosioonitõrje : loengukonspekt

Talimets, Ellen 2004 https://www.ester.ee/record=b1926933*est

Metallothionein 2A affects the cell respiration by suppressing the expression of mitochondrial protein cytochrome c oxidase subunit II

Bragina, Olga; Gurjanova, Karina; Krištal, Jekaterina; Kulp, Maria; Karro, Niina; Tõugu, Vello; Palumaa, Peep Journal of bioenergetics and biomembranes 2015 / p. 209-216 : ill <https://doi.org/10.1007/s10863-015-9609-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Methylphosphonic acid as a ³¹P-NMR standard for the quantitative determination of phosphorus in carbonated beverages

Kõllo, Marek; Kudrjašova, Marina; Kulp, Maria; Aav, Riina Analytical methods 2013 / p. 4005-4009 : ill <https://doi.org/10.1039/c3ay40743h> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microcalorimetric study of growth of Lactococcus lactis IL1403 at low glucose concentration in liquids and solid agar gels

Kabanova, Natalja; Stulova, Irina; Vilu, Raivo Thermochimica acta 2013 / p. 69-75 : ill <https://doi.org/10.1016/j.tca.2013.02.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microcalorimetric study of the growth of Streptococcus thermophilus in renneted milk

Stulova, Irina; Kabanova, Natalja; Kriščiunaite, Tiina; Adamberg, Kaarel; Laht, Tiit-Maie; Vilu, Raivo Frontiers in microbiology 2015 / p. 1-13 : ill <https://doi.org/10.3389/fmicb.2015.00079> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microcalorimetry of anaerobic digestion

Menert, Anne 2001 https://www.ester.ee/record=b1570004*est

Microprinted carbon aerogel electrodes for sensors and actuators

Põldsalu, Inga; Peikolainen, Anna-Liisa; Greco, Francesco; Kreek, Kristiina; Aabloo, Alvo TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Mida vajavad tulevikua autod kütuseks?

Niidu, Allan Inseneeria 2015 / lk. 12-19 : ill https://artiklid.elnet.ee/record=b2738547*est

Mikrobioloogilises töös kasutatavad põhimõtted ja -meetodid. Biotehnoloogia laboratoorsete tööde juhend. Lisad [Elektroniline teavik]

2015 <http://www.ttu.ee/matemaatika-loodusteaduskond/keemiainstituut/biotehnoloogia-oppetool/materjalid-5/biotehnoloogia-i-ykb-1130/laborimaterjalid-4/>

Mikroobimaailmaga seotud erijuhud - või otse vastupidi? : lisalugemist mikrobioloogiast [Elektroniline teavik]

2015 <http://www.ttu.ee/matemaatika-loodusteaduskond/keemiainstituut/biotehnoloogia-oppetool/materjalid-5/biotehnoloogia-i-ykb-1130/laborimaterjalid-4/>

Mis presidendivalimistel tegelikult juhtus?

Strandberg, Marek Õhtuleht 2016 / lk. 8 <https://www.oh tuleht.ee/762060/marek-strandberg-mis-presidendivalimistel-tegelikult-juhtus>

Model studies for the coupling of AB-ring and D-ring fragments of 9,11-secoosterols

Kõllo, Marek; Rom, Siimu; Välimets, Silja; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 96 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Modified calcium apatites as new catalysts in organic synthesis

Tõnsuaadu, Kaia; Gruselle, Michel; Moussa, Jamal; Villemin, Didier; Maaten, Birgit; Kanger, Tõnis International Symposium on Inorganic and Environmental Materials 2013 : program and abstracts, October 27-31, 2013, Rennes, France 2013 / p. 277

Molecular system bioenergetics of cardiac cells : quantitative analysis of structure-function relationship

Tepp, Kersti 2011

Monitoring biomass degradation, isomerization of glucose to fructose and conversion to 5-HMF in ionic liquids by CE

Aid, Tiina; Lopp, Margus; Vaher, Merike 40th International Symposium on Capillary Chromatography and 13th GC×GC Symposium : May 29 - June 03, 2016, Riva del Garda Fierecongressi, Riva del Garda, Italy : abstract book 2016 / p. 271

Monitoring cellulose degradation and glucose conversion to 5-hydroxymethylfurfural in ionic liquids

Aid, Tiina; Vaher, Merike; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 39 : ill http://boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Multiplying steady-state culture in multi-reactor system

Erm, Sten; Adamberg, Kaarel; Vilu, Raivo Bioprocess and biosystems engineering 2014 / p. 2361-2370 : ill <https://doi.org/10.1007/s00449-014-1214-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mutual Lewis acid–base interactions of cations and anions in ionic liquids

Holzweber, Markus; **Koel, Mihkel** Chemistry : a European journal 2013 / p. 288-293 : ill <https://doi.org/10.1002/chem.201201978> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Müürirobot

Strandberg, Marek Inseneeria 2015 / lk. 6 https://artiklid.elnet.ee/record=b2738558*est

Myosins XI-K, XI-1, and XI-2 are required for development of pavement cells, trichomes, and stigmatic papillae in Arabidopsis [Online resource]

Ojangu, Eve-Ly; Tanner, Krista; Pata, Pille; Järve, Kristel; Talts, Kristiina; Truve, Erkki; Paves, Heiti Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015 / p. 49-50 http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Naatriumi ja magneesiumi asendustega kaltsium-fluorkarbonaatapatiitide süntees : magistritöö

Peld, Merike 1995 https://www.ester.ee/record=b2078669*est

NanoE-Tox: new and in-depth database concerning ecotoxicity of nanomaterials

Juganson, Katre; Ivask, Angela; Blinova, Irina; Mortimer, Monika; Kahru, Anne Beilstein Journal of Nanotechnology 2015 / p. 1788 - 1804 <https://doi.org/10.3762/bjnano.6.183> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nanorobotid elusorganismis ja inimnaha liim - see on supramolekulaarne keemia

Aav, Riina Inseneeria 2015 / lk. 30-32 : ill https://artiklid.elnet.ee/record=b2741120*est

Negishi cross-coupling for the synthesis 1,2-cyclopentanediones : a short way to lycoperdic acid and its homoanalogue

Kostomarova, Diana; Paju, Anne; Pehk, Tõnis; **Lopp, Margus** 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 81

40. ptk. Valgubiokeemia meetodid

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 669-692 : ill

4. osa. Süsivesikud ja lipiidid

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 129-164 : ill

New approaches in capillary electrophoresis for separation and study of proteins = Kapillaarelektroforeesi uued lahendused valkude lahutamisel ja uurimisel

Knjazeva, Tatjana 2011

New chiral cyclohexylhemicucurbit[6]uril

Aav, Riina; Shmatova, Elena; Reile, Indrek; **Borissova, Maria;** Topic, Filip; Rissanen, Kari Organic letters 2013 / p. 3786-3789 : ill <https://doi.org/10.1021/ol401766a> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New chiral cyclohexylhemicucurbituril structure and complexation

Shmatova, Elena; Reile, Indrek; **Borissova, Maria;** Topic, Filip; Rissanen, Kari; **Aav, Riina** Third International Conference on Cucurbiturils : 18-20 November, 2013, University of New South Wales Canberra 2013 / [1] p. : ill

A new dual coagulant for water purification

Kuusik, Rein; keemik; Viisimaa, Ludmilla Water research 1999 / 9, p. 2075-2082: ill

New homologues of chiral cyclohexylhemicucurbit[n]urils

Fomitšenko, Maria; Shmatova, Elena; Öeren, Mario; Järving, Ivar; Aav, Riina Supramolecular chemistry 2014 / p. 698-703 : ill <https://doi.org/10.1080/10610278.2014.926362> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

N-glycosylation site occupancy in human prostaglandin H synthases expressed in Pichia pastoris

Kukk, Kaia; Kasvandik, Sergo; **Samel, Nigulas** SpringerPlus 2014 / p. 1-9 : ill <https://doi.org/10.1186/2193-1801-3-436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

N-glycosylation site occupancy in prostaglandin H synthases expressed in *Pichia pastoris*

Kukk, Kaia; Kasvandik, Sergio; **Samel, Nigulas** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Nitric oxide for anammox recovery in a nitrite-inhibited deammonification system

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Loorits, Liis;** Kroon, Kristel; Fritze, Hannu; Tuomivirta, Tero; Vabamäe, Priit; Raudkivi, Markus; Mandel, Anni; Rubin, Sergio S.C.; Tenno, Taavo Environmental Technology (United Kingdom) 2015 / p. 2477 - 2487
<https://doi.org/10.1080/09593330.2015.1034791> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitritating-anammox biomass tolerant to high dissolved oxygen concentration and C/N ratio in treatment of yeast factory wastewater

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Seiman, Andrus;** **Loorits, Liis** Environmental technology 2014 / p. 1565-1576 : ill
<https://doi.org/10.1080/09593330.2013.874492> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

NMR study of the remote activation of the nucleophilicity of isatin imines

Kudrjašova, Marina; **Žari, Sergei;** Pehk, Tõnis; **Kanger, Tõnis** 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 87

Nobeli keemiaauhind anti julguse eest murda mõttebarjäre

Parve, Omar Sirp 2016 / lk. 36-37 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/nobeli-keemiaauhind-anti-julguse-eest-murda-mottebarjaare/>

NoSSS2009 : 5th Conference on Separation and Related Techniques by Nordic Separation Science Society : 26-29 August, 2009, Tallinn University of Technology, Estonia : abstract book and program

2009 https://www.ester.ee/record=b2508733*est

Novel fatty acid dioxygenases from the corals *Plexaura homomalla* and *Gersemia fruticosa*

Koljak, Reet 2001 https://www.ester.ee/record=b1551345*est

Novel membrane-associated prostaglandin E synthase-2 from crustacean arthropods

Hansen, Kristella; **Varvas, Külliki;** **Järving, Ivar;** **Samel, Nigulas** Comparative biochemistry and physiology. Part B, Biochemistry and molecular biology 2014 / p. 45-52 : ill <https://doi.org/10.1016/j.cbpb.2014.05.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nutritional requirements and media development for *Lactococcus lactis* IL1403

Aller, Kadri; **Adamberg, Kaarel;** **Timarova, Veronica;** Seiman, Andrus; **Feštšenko, Darja;** **Vilu, Raivo** Applied microbiology and biotechnology 2014 / p. 5871-5881 : ill <https://doi.org/10.1007/s00253-014-5641-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nähtamatud mõjud

Strandberg, Marek Inseneeria 2015 / lk. 4

On the charge carrier time-of-flight mobility and the ordering effects in the microcrystalline PEDOT/PSS complex : a morphology-based simulation study

Kaevand, Toomas; **Kalda, Jaan;** **Lille, Ülo** International journal of renewable energy and biofuels 2013 / p. 1-13 : ill

On the mechanism of cellular death under photoexcitation of haematoporphyrin derivate

Tšekulajeva, Ludmilla; **Ševtšuk, Igor;** **Tšekulajev, Vladimir** Proceedings of the Estonian Academy of Sciences. Biology. Ecology 2003 / p. 55-72 : ill https://artiklid.elnet.ee/record=b1011901*est

On the mechanism of reactive oxygen species generation in tumour cells subjected to the phototoxic action of haematoporphyrin derivative : effect of heating

Tšekulajeva, Ludmilla; **Ševtšuk, Igor;** **Tšekulajev, Vladimir;** **Oginskaja, Jelena** Proceedings of the Estonian Academy of Sciences. Chemistry 2007 / p. 14-37 : ill https://artiklid.elnet.ee/record=b2367405*est

On the mechanism of the phototoxic action of haematoporphyrin derivative towards tumour cells

Tšekulajeva, Ludmilla; **Ševtšuk, Igor;** **Tšekulajev, Vladimir** Proceedings of the Estonian Academy of Sciences. Biology. Ecology 2005 / p. 83-119 : ill https://artiklid.elnet.ee/record=b2345867*est

On the way to greener ionic liquids : identification of a fully mineralizable phenylalanine-based ionic liquid

Haiss, Annette; Jordan, Andrew; Westphal, Janin; Logunova, Evgenia; **Gathergood, Nicholas;** Kümmerer, Klaus Green chemistry 2016 / p. 4361-4373 : ill <https://doi.org/10.1039/c6gc00417b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optimization of processes of microbial biosynthesis of isotopically labeled biomolecules and their complexes

Vanatalu, Kalju 1999 http://www.ester.ee/record=b1273061*est

An optimized capillary electrophoresis method for the simultaneous analysis of biomass degradation products in ionic liquid containing samples

Aid, Tiina; Paist, Loore; Lopp, Margus; Kaljurand, Mihkel; Vaher, Merike Journal of chromatography A 2016 / p. 141-147 : ill <https://doi.org/10.1016/j.chroma.2016.04.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Orgaaniline keemia : õpik kõrgkoolidele

Carey, Francis A; Giuliano, Robert M 2014 http://www.ester.ee/record=b3084143*est

Orgaanilise keemia nomenklatuuri põhimõtted

Kanger, Tõnis 2010 https://www.ester.ee/record=b2615236*est

Orgaanilise keemia nomenklatuuri põhimõtted

Kanger, Tõnis 2012 http://www.ester.ee/record=b2615236*est

Orgaanilise keemia praktikum : laboratoorsed tööd. I

2004 http://www.ester.ee/record=b1905872*est

Orgaanilise keemia praktikum : laboritehnika

2004 https://www.ester.ee/record=b1994262*est

Orgaanilise keemia praktikum : ohutustehnika ja laboris töötamise kord

2005 http://www.ester.ee/record=b2067856*est

Organic aerogels based on 5-methylresorcinol = Orgaanilised aerogeelid 5-metüülresortsinoolist

Peikolainen, Anna-Liisa 2011

Organic and carbon aerogels containing rare-earth metals : their properties and application as catalysts

Kreek, Kristiina; Kriis, Kadri; Maaten, Birgit; Uibu, Mai; Mere, Arvo; Kanger, Tõnis; Koel, Mihkel Journal of non-crystalline solids 2014 / p. 43-48 : ill <https://doi.org/10.1016/j.jnoncrysol.2014.07.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Organic and carbon aerogels doped with lanthanides as catalyst for Michael reaction

Kreek, Kristiina TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Organocatalytic asymmetric addition to unsaturated 1,4-dicarbonyl compounds = Organokatalüütiline asümmeetriline liitumine küllastumata 1,4-dikarbonüülühenditele

Žari, Sergei 2015 https://www.ester.ee/record=b4503689*est

Organocatalytic conjugate addition of cyclopropylacetaldehyde derivatives to nitro olefins : en route to β- and γ-amino acids

Kaasik, Mikk; Noole, Artur; Reitel, Kärt; Järving, Ivar; Kanger, Tõnis European journal of organic chemistry 2015 / p. 1745-1753 : ill <https://doi.org/10.1002/ejoc.201403387> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxygen electroreduction on platinum nanoparticles deposited onto D-glucose derived carbon

Taleb, Masoud; Nerut, Jaak; Tooming, Tauno; Thomberg, Thomas; Jänes, Alar; Lust, Enn Journal of the Electrochemical Society 2015 / p. F651 - F660 <https://doi.org/10.1149/2.0231507jes> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Paneelmajade tulevik - kas tume, helge või hall? Kas rahaliselt jõukohased kodud on elamiseks ohtlikud või mitte?

Aasmäe, Hardo; Kurnitski, Jarek Inseneeria 2014 / lk. 18-22 : ill https://artiklid.elnet.ee/record=b2678050*est

Patsient roolis

Strandberg, Marek Inseneeria 2015 / lk. 8 : fot https://artiklid.elnet.ee/record=b2748892*est

Pentakis(trifluoromethyl)benzenediazonium cation : a useful building block for the synthesis of trifluoromethyl-substituted derivatives

Kütt, Agnes; Werner, Franz; Kaljurand, Ivari; Leito, Ivo; Koppel, Ilmar A. ChemPlusChem 2013 / p. 932 - 936 <https://doi.org/10.1002/cplu.201300160/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Personality predispositions moderate soldiers' well-being before and after operational deployment

Parmak, Merle; Mylle, Jacques J. C.; Euwema, Martin C. Military psychology in a time of transition, uncertainty, and complexity : the 55th IMTA Conference 2013 : Seoul, Korea, October 28th-November 1st : [conference program and abstracts] 2013 / p. 71

Phase transformations in hydrothermal sintering processing of phosphate rock

Pöldme, Meeme 1995 http://www.ester.ee/record=b1067223*est

Phase transformations in hydrothermal sintering processing of phosphate rock

Põldme, Meeme 1994 http://www.ester.ee/record=b2089994*est

Photocatalytic antibacterial activity of nano-TiO₂ (anatase)-based thin films : effects on Escherichia coli cells and fatty acids

Joost, Urmas; **Juganson, Katre**; Visnapuu, Meeri; Mortimer, Monika; Kahru, Anne; Nõmmiste, Ergo; Joost, Urmeli; Kisand, Vambola; Ivask, Angela Journal of photochemistry and photobiology B : biology 2015 / p. 178-185 : ill

<https://doi.org/10.1016/j.jphotobiol.2014.12.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Photocatalytic oxidation of phenolic compounds in wastewater from oil shale treatment

Preis, Sergei; Terentjeva, Jelena; Rožkov, Aleksei Water science and technology 1997 / 4, p. 165-174

<https://www.sciencedirect.com/science/article/abs/pii/S0273122397883941>

Photodynamic therapy of tumours with chlorin-e6 is pH dependent

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir Proceedings of the Estonian Academy of Sciences. Biology. Ecology 2003 / p. 40-54 : ill https://artiklid.elnet.ee/record=b1011900*est

Photosensitized inactivation of tumor cells by porphyrins and chlorins

Tšekulajeva, Ludmilla 2006 <https://digi.lib.ttu.ee/i/296> https://www.ester.ee/record=b2146047*est

Plastivaba juuli : kas moehullus või mõttekoht?

Strandberg, Marek; Stepanov, Maarit Õhtuleht 2016 / lk. 5 <https://www.oh tuleht.ee/746913/plastivaba-juuli-kas-moehullus-voi-mottekoht>

Pleegitatud teadus

Strandberg, Marek Õhtuleht 2015 / lk. 11 <https://www.oh tuleht.ee/696053/marek-strandberg-klooriga-pleegitatud-teadus>

Point-of-care analyser based on capillary electrophoresis = Kapillaarelektroforeesil põhinev kaasaskantav analüsaator

Seiman, Andrus 2011 https://www.ester.ee/record=b2692545*est

Polüeenhapete gamma- ja delta-kaksiksidemete selektiivne taandamine = Selective reduction of gamma- and delta-double bonds in polyunsaturated fatty acids

Järving, Ivar; Valmsen, Karin; **Lille, Ülo**; Lopp, Margus; **Pehk, Tõnis**; Samel, Nigulas XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 61-62

https://www.ester.ee/record=b1070511*est

Polüpürrooli elektrokeemiline süntees vesilahustes = A study of the electrochemical synthesis of polypyrrole from aqueous solution on stainless steel electrode

Reut, Jekaterina; Idla, Katrin XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 167-168 https://www.ester.ee/record=b1070511*est

Polyphenolic composition and antichlamydial effect of commercial peppermint (Mentha x piperita L.) teas

Kapp, Karmen; Hakala, Elina; Püssa, Tõnu; **Orav, Anne**; Raal, Ain; Hanski, L. Planta medica 2013 / p. 1224

Porfüriinid ja bilirubiin pärsivad Alzheimeri amüloid beta peptiidi agregatsiooni

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir; Palumaa, Peep XXX Eesti keemiapäevad : teaduskonverentsi

teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 165-166 https://www.ester.ee/record=b2314480*est

[Preface]

Koel, Mihkel EUCHEM2014 : Molten Salts and Ionic Liquids XXV : 6-11 July 2014, Tallinn, Estonia : programme 2014 / p. 1

https://www.ester.ee/record=b4777207*est

Preparation of cellulose mix-esters and cellulose esters/MWCNT composites in ionic liquids

Tarasova, Elvira; Kudrjašova, Marina; Krumme, Andres EUPOC-2013 : Polymers and Ionic Liquids, 1-5 September 2013, Gargnano, Italy 2013

Preparation of cellulose stearate and cellulose acetate stearate in 1-butyl-3-methylimidazolium chloride

Tarasova, Elvira; Šumigin, Dmitri; Kudrjašova, Marina; Krumme, Andres Baltic Polymer Symposium 2013 / p. 105-110

<https://doi.org/10.4028/www.scientific.net/KEM.559.105> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Preparation of metal-doped carbon aerogels from oil shale processing by-products

Kreek, Kristiina; Kulp, Maria; Uibu, Mai; Mere, Arvo; Koel, Mihkel Oil shale 2014 / p. 185-194 : ill

https://artiklid.elnet.ee/record=b2673721*est <https://doi.org/10.3176/oil.2014.2.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

President - võimuta iluamet

Strandberg, Marek Eesti Ekspress 2016 / lk. 52 <https://ekspress.delfi.ee/artikkel/74335823/marek-strandberg-president-voimuta-iluamet>

Principal component analysis of HPLC-MS/MS patterns of wheat (Triticum aestivum) varieties

Levandi, Tuuli; Püssa, Tõnu; **Vaher, Merike**; Ingver, Anne; Koppel, Reine; **Kaljurand, Mihkel** Proceedings of the Estonian Academy of Sciences 2014 / p. 86-92 : ill https://artiklid.elnet.ee/record=b2665228*est <https://doi.org/10.3176/proc.2014.1.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Prostaglandin synthesis in marine arthropods and red algae = Prostaglandiinide süntees mere lüljalgsetes ja punavetikates

Hansen, Kristella 2015 https://www.ester.ee/record=b4442497*est

Proteiinirikaste loomsete kõrvalsaaduste kooskääritamine veiseläga : ressurs, biogaasi toodangu tõus ja kääritusjäägi omadused

Pitk, Peep TEUK XV : taastuvate energiaallikate uurimine ja kasutamine : viieteistkümnenda konverentsi kogumik = Investigation and usage of renewable energy sources : fifteenth conference proceedings, Tartu, Estonia, 2013 2013 / lk. 33-43 : ill

Protein- and lipid-rich solid slaughterhouse waste anaerobic co-digestion : resource analysis and process optimization = Proteiini- ja lipiidirikaste tahkete tapamajajäätmete anaeroobne kooskääritamine : ressursi analüüs ja protsessi optimeerimine

Pitk, Peep 2014 https://www.ester.ee/record=b3724112*est

Protein turnover forms one of the highest maintenance costs in Lactococcus lactis

Lahtvee, Petri-Jaan; Seiman, Andrus; **Arike, Liisa**; **Adamberg, Kaarel**; **Vilu, Raivo** Microbiology 2014 / p.1501-1512 : ill <https://doi.org/10.1099/mic.0.078089-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Proteome reallocation in Escherichia coli with increasing specific growth rate

Peebo, Karl; Valgepea, Kaspar; **Maser, Andres**; Nahku, Ranno; **Adamberg, Kaarel**; **Vilu, Raivo** Molecular biosystems 2015 / p. 1184-1193 : ill <https://doi.org/10.1039/c4mb00721b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Prügivabam infotehnika tulekul

Strandberg, Marek Inseneeria 2015 / lk. 10 : fot

Puine vool

Strandberg, Marek Inseneeria 2015 / lk. 10 : fot

Puised hiiud Vene jõgedelt

Strandberg, Marek Inseneeria 2016 / lk. 8 : ill https://artiklid.elnet.ee/record=b2760095*est

Puutuhk - muundumine tolmjast kõrvalproduktist funktsionaalseks (mahe-) väetistooteks

Pitk, Peep; Raave, Henn Maheviljaturg. 2016 2016 / lk. 16-21 : ill

Puutuhk - muundumine tolmjast kõrvalproduktist funktsionaalseks (mahe-) väetistooteks

Pitk, Peep; Raave, Henn Teraviljafoorum. 2016 2016 / lk. 27-32 : ill

Puutuhk pole tülikas jääde, vaid toitainerikas väetis põllule ja metsale

Pitk, Peep; Ots, Katri Eesti Mets 2016 / lk. 42-45 : ill https://artiklid.elnet.ee/record=b2766679*est

Põhja-Euroopa fluorhüdoksüapatiidid = Fluorhydroxyapatites of Northern Europe

Veiderma, Mihkel; Knubovets, Rena; **Tõnsuaadu, Kaia** XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 223-224 https://www.ester.ee/record=b1070511*est

Põlevkivi fenoolid toorainena poorsete aerogeelide valmistamiseks = Oil shale phenols as raw materials for porous aerogel preparation

Koel, Mihkel Põlevkivi tulevik - innovatsioon : põlevkivikonverents 2013 2013 / lk. 23-24

Põlevkivi kaevandamine 100 : kas järgmist juubelit üldse tuleb?

Inseneeria 2016 / lk. [12]-18 : ill https://artiklid.elnet.ee/record=b2766785*est

Põlevkivikirik ja selle preestrid

Strandberg, Marek Eesti Ekspress 2015 / lk. 32 <https://ekspress.delfi.ee/artikkel/71958809/marek-strandberg-polevkivikirik-ja-selle-preestrid>

Põlevkivituhkade reaktsioonivõime vääveldioksiidiga = Reactivity of oil shale ashes towards sulphur dioxide

Triikkel, Andres; **Kaljuvee, Tiit**; **Kuusik, Rein**, keemik XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th

Päikese käes katus jahedaks

Strandberg, Marek Inseneeria 2015 / lk. 11 : ill

QSAR prediction of HIV-1 non-nucleoside inhibitor activity based on 3D-molecular descriptors

Pillai, Girinath Gopinathan; Tamm, Kaido; **Karelson, Mati** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Quantitative omics-level analysis of growth rate dependent energy metabolism in Lactococcus lactis = Kvantitatiivsetel oomika-meetoditel põhinev kasvuerikiirusest sõltuv Lactococcus lactis'e energiametabolismi analüüs

Lahtvee, Petri-Jaan 2012 https://www.ester.ee/record=b2931362*est

Quantitative structure-activity relationships of environmentally relevant properties

Kahn, Iiris 2007

Quantum-chemical modeling of solvated first row transition metal ions = Solvateeritud üleminekumetalli-ioonide kvantkeemiline modelleerimine

Uudsemaa, Merle 2006 https://www.ester.ee/record=b2146117*est

Rapid capillary electrophoresis method with led-induced native fluorescence detection for the analysis of amphetamine and cocaine derivatives in oral fluid

Tretjakova, Anastassia; Mazina, Jekaterina; Vaher, Merike; Kulp, Maria 40th International Symposium on Capillary Chromatography and 13th GC×GC Symposium : May 29 - June 03, 2016, Riva del Garda Fierecongressi, Riva del Garda, Italy : abstract book 2016

Rapid capillary electrophoresis method with led-induced native fluorescence detection for the analysis of amphetamine and cocaine derivatives in oral fluid

Tretjakova, Anastassia; Mazina-Šinkar, Jekaterina; Vaher, Merike; Kaljurand, Mihkel; Kulp, Maria 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 68 http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

Rapid capillary electrophoresis method with LED-induced native fluorescence detection for the analysis of cannabinoids in oral fluid

Mazina, Jekaterina; Špiljova, Anastassija; Vaher, Merike; Kaljurand, Mihkel; Kulp, Maria Analytical methods 2015 / p. 7741-7747 : ill <https://doi.org/10.1039/c5ay01595b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rapid start- up of autotrophic nitrogen removal process after inoculation with microorganisms from yeast factory anaerobic tank

Zekker, Ivar; Kroon, Kristel; Pitk, Peep; Loooris, Liis TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p. : ill

Rapsiõli uurimine, tema säilitamine ja puhastamine : magistritöö : eriala: 05.18.15 - toidukaupade tundmine

Sirendi, Meelis 1991 https://www.ester.ee/record=b2631585*est

Rasvhapete ja lipiidide ainevahetus : 12. osa

Biokeemia : lühikursus : õpik kõrgkoolidele 2016 / lk. 429-483 : ill

Rasvhappe dioksügenaasid alamatest organismidest : [ettekanne 14. okt. 2011 Eesti TA korraldatud akadeemik Paul Kogermani 120. sünniaastapäevale ja akadeemik Ülo Lille 80. sünnipäevale pühendatud seminaril "Orgaaniline-bioorgaaniline süntees"]

Samel, Nigulas Tallinna Tehnikaülikooli aastaraamat 2011 2012 / lk. 237-240 : ill

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

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

Reduced state of iridium PCP pincer complexes in electrochemical CO2 hydrogenation

Osadchuk, Irina; Tamm, Toomas; Ahlquist, Marten S. G. ACS catalysis 2016 / p. 3834-3839 : ill

<https://doi.org/10.1021/acscatal.6b01233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Refined coagulant for water purification from Estonian glauconite. 1, Digesting glauconite with sulphuric acid in slurries

Kuusik, Rein, keemik; Viisimaa, Ludmilla; Aasamäe, Ernst Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 1/2, p. 42-55

Refined coagulant for water purification from Estonian glauconite. 2, Characteristics of the products and solid wastes
Kuusik, Rein, keemik; Viisimaa, Ludmilla; Aasamäe, Ernst Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 1/2, p. 56-69

Refinement of a quantitative structure–activity relationship model for prediction of cell-penetrating peptide based transfection systems

Dowaidar, Moataz; Regberg, Jakob; **Dobchev, Dimitar Atanasov**; Lehto, Tõnis; Hällbrink, Mattias; **Karelson, Mati**; Langel, Ülo
International journal of peptide research and therapeutics 2017 / p. 91-100 : ill <https://doi.org/10.1007/s10989-016-9542-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Remote activation of isatin for efficient asymmetric aza-Michael reactions

Žari, Sergei; Kudrjašova, Marina; Ilmarinen, Kaja; Pehk, Tõnis; **Kanger, Tõnis** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Remote activation of the nucleophilicity of isatin

Žari, Sergei; Kudrjašova, Marina; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis Organic letters 2014 / p. 1740-1743 : ill
<https://doi.org/10.1021/ol500421k> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reproducibility of QSAR/QSPR models in the scientific literature - perspective for regulatory use

Kahn, Iiris; Piir, Geven; Oja, Mare Scientific programme & book of abstracts : QSAR 2014 2014 / p. 109

Riigisektorit ootab giljotiin

Strandberg, Marek Postimees 2015 / lk. 16 <https://arvamus.postimees.ee/3228045/marek-strandberg-riigisektorit-ootab-giljotiin>

Riik saab tarbida loodust säästvamalt : [kommentaari M.Ojakivi artiklile "Riik tahab luua eeskuju roheliste riigihangetega" 7. okt. Eesti Päevalehes]
Eesti Päevaleht 2004 / lk. 6

Robotid meie hulgas

Strandberg, Marek Inseneeria 2015 / lk. 4

Robotid põllule

Strandberg, Marek Inseneeria 2016 / lk. 8 : fot https://artiklid.elnet.ee/record=b2753116*est

Roheline erakond jäi veel loomata : [M. Strandbergi kommentaariga "Aktuaalsele kaamerale" ja T. Tammeti kommentaariga Postimehele]

Postimees 2004 / lk. 6

Rohelised kardavad liiga ägedat biodiisli tootmist : [Marek Strandbergi kommentaariga]

Eelrand, Helen Eesti Päevaleht 2004 / lk. 5 : fot

Rohkem fosforit! Kas on ikka nii?

Strandberg, Marek Postimees 2016 / lk. 16 <https://arvamus.postimees.ee/3602477/marek-strandberg-rohkem-fosforit-kas-see-ikka-on-hea>

The role of lipid peroxidation and protein degradation in the photodestruction of Ehrlich ascites carcinoma cells sensitized by hematoporphyrin derivative

Ševtšuk, Igor; Tšekulajev, Vladimir; Tšekulajeva, Ludmilla Experimental oncology 2002 / p. 216-224

Room temperature ionic liquids as background electrolyte additives in capillary electrophoretic separations

Vaher, Merike 2002 https://www.ester.ee/record=b1715414*est

Rotiketrjad

Strandberg, Marek Inseneeria 2015 / lk. 8 : fot https://artiklid.elnet.ee/record=b2738560*est

Saccharification of lignocellulosic biomasses via ionic liquid pretreatment

Aid, Tiina; Hyvärinen, S.; **Vaher, Merike**; **Koel, Mihkel**; Mikkola, J.-P. Industrial crops and products 2016 / p. 336-341 : ill
<https://doi.org/10.1016/j.indcrop.2016.08.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

100 miljardit krooni ökokodule säästaks tulevikus tunduvalt enam

Strandberg, Marek Roheline Värav : [Eesti Päevalehe ja Maalehe lisa] 2004 / lk. 7

Sampling and quantitative analysis in capillary electrophoresis

Kuban, Petr; Seiman, Andrus; **Kaljurand, Mihkel** Capillary electrophoresis and microchip capillary electrophoresis : principles, applications, and limitations 2013 / p. 41-64

Seadusteta õiguse asjatundja : [intervjuu akadeemik Lauri Mälksooga]

Mälksoo, Lauri; **Strandberg, Marek** Sirp 2014 / lk. 18-20 : fot <https://sirp.ee/s1-artiklid/c9-sotsiaalia/2014-01-30-12-48-17/>

Seebimullidest nappudega arvelaud

Strandberg, Marek Inseneeria 2016 / lk. [6-7] : fot https://artiklid.elnet.ee/record=b2776170*est

Seemnerakkude ralli

Strandberg, Marek Inseneeria 2016 / lk. 8 : ill https://artiklid.elnet.ee/record=b2760096*est

Sensitivity of platelets to PAF in patients with coronary artery disease

Kobzar, Gennadi; **Mardla, Vilja**; Rätsep, Indrek Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 242-243

Separation and analysis of new cyclohexylhemicucurbituril homologues

Fomitsenko, Maria; Shmatova, Elena; Öeren, Mario; Järving, Ivar; Aav, Riina 20th International Symposium on Separation Sciences : ISSS 2014 : August 30 - September 2, 2014 2014 / p. 110

Separation of glutathione and its novel analogues and determination of their dissociation constants by capillary electrophoresis

Kazarjan, Jana; Vaher, Merike; Mahlapuu, Riina; Hansen, Mats; Soomets, Ursel; **Kaljurand, Mihkel** Electrophoresis 2013 / p. 1820-1827 : ill <https://doi.org/10.1002/elps.201200611> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silikaatsete ehitusmaterjalide korrosioon looduskeskkonnas = Corrosion of silicate building materials in environment

Põldme, Meeme; Varandi, Merje; Põldme, Juta XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 157-158 https://www.ester.ee/record=b1070511*est

Simple access to β -trifluoromethyl-substituted ketones via copper-catalyzed ring-opening trifluoromethylation of substituted cyclopropanols

Kananovich, Dzmityr; Konik, Yulia A.; Zubryski, Dzmityr M.; **Järving, Ivar; Lopp, Margus** Chemical communications 2015 / p. 8349-8352 : ill <https://doi.org/10.1039/c5cc02386f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simultaneous determination of the degradation products of sulfur and nitrogen mustards in aqueous samples by a portable CE system with contactless conductivity detection

Jõul, Piia; Kuhtinskaja, Maria; Kaljurand, Mihkel 20th International Scientific Conference EcoBalt 2016 : Tartu, Estonia, October 9-12 : book of abstracts 2016 / p. 63 http://akki.ut.ee/wp-content/uploads/2015/01/Abstracts_Book_EcoBalt_2016.pdf

Single-cell model of prokaryotic cell cycle

Abner, Kristo; Aaviksaar, Tõnis; Adamberg, Kaarel; Vilu, Raivo Journal of theoretical biology 2014 / p. 78-87 : ill <https://doi.org/10.1016/j.jtbi.2013.09.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Size-induced chiral discrimination switching by (S)-(-)-2(a-hydroxyethyl)benzimidazole-derived azacrowns

Pandey, Anita D.; **Hasan, Mohammed**; Pissurlenkar, Raghuvir R.S.; Karnik, Anil V. ChemPlusChem 2015 / p. 475-479 : ill <http://dx.doi.org/10.1002/cplu.201402141>

SKTd jahtides ühiskond paremaks ei muutu

Strandberg, Marek Eesti Ekspress 2014 / lk. 38 <https://dea.digar.ee/cgi-bin/dea?a=d&d=eestiekspress20140514.2.34.1&e=-----et-25--1--txt-txIN%7ctxTI%7ctxAU%7ctxTA----->

SO₂ binding during CO-combustion of fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik; Triikkel, Andres Third International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 10-13, 1996, Warsaw, Poland : proceedings 1996 / p. 864-866

SO₂ binding during CO-combustion of fossil fuels

Kaljuvee, Tiit; Kuusik, Rein, keemik; Triikkel, Andres Third International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, September 10-13, 1996, Warsaw, Poland : symposium program 1996 / p. 105

Some features of bioorganic research in Estonia

Lille, Ülo Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 170 https://www.ester.ee/record=b1052731*est

Sonogashira cross-coupling of 3-bromo-1,2-diones : an access to 3-alkynyl-1,2-diones

Paju, Anne; Kanger, Tõnis; Müürisepp, Aleksander-Mati; Aid, Tiina; Pehk, Tõnis; Lopp, Margus Tetrahedron 2014 / p. 5843-5848 : ill <https://doi.org/10.1016/j.tet.2014.06.037> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spectroscopic and phase-stabilisation properties of pure and rare-earth ions activated ZrO₂ and HfO₂

Lange, Sven 2010 https://www.ester.ee/record=b2592707*est

Start-up of low-temperature anammox in UASB from mesophilic yeast factory anaerobic tank inoculum

Zekker, Ivar; Rikmann, Ergo; Seiman, Andrus; Loorits, Liis Environmental technology 2015 / p. 214-225 : ill <https://doi.org/10.1080/09593330.2014.941946> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stereokeemia : õpik kõrgkoolidele

Lopp, Margus 2014 https://www.ester.ee/record=b3090445*est

Stereoselective chemoenzymatic synthesis of deoxy sugar esters involving Candida antarctica lipase B = Desoksüsuhkru estrite stereoselektiivne kemoensümaatiline süntees kasutades Candida antarctica lipaasi B

Villo, Ly 2008 https://www.ester.ee/record=b2393878*est

Stereoselective synthesis of 1-methyl-1,2-and 1,3-cyclopentanedioles via γ -lactones

Niidu, Allan; Paju, Anne; Müürisepp, Aleksander-Mati; Järving, Ivar; Kailas, Tiiu; Pehk, Tõnis; Lopp, Margus Chemistry of heterocyclic compounds 2013 / p. 1751-1760 : ill <https://doi.org/10.1007/s10593-013-1206-4> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sterically congested chiral 7,8-dioxo[6]helicene and its dihydro analogues : synthesis, regioselective functionalization, and unexpected domino Prins reaction

Hasan, Mohammed; Pandey, Anita D.; Khose, Vaibhav N.; Mirgane, Nitin A.; Karnik, Anil V. European journal of organic chemistry 2015 / p. 3702-3712 : ill <http://dx.doi.org/10.1002/ejoc.201500327>

Strandberg: partei loomise plaani veel pole : [intervjuu Marek Strandbergiga kodanikeühenduse loomisest]

Strandberg, Marek Eesti Päevaleht 2004 / 29. sept., lk. 7 : fot <https://epl.delfi.ee/artikkel/50993930/strandberg-partei-loomise-plaani-veel-pole>

Structural and catalytic insights into the algal prostaglandin H synthase reveal atypical features of the first non-animal cyclooxygenase

Varvas, Külliki; Kasvandik, Sergio; Hansen, Kristella; Järving, Ivar; Morell, Indrek; Samel, Nigulas Biochimica et biophysica acta : molecular and cell biology of lipids 2013 / p. 863-871 : ill <https://doi.org/10.1016/j.bbalip.2012.11.010> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Structural and functional analysis of APOA5 mutations identified in patients with severe hypertriglyceridemia

Mendoza-Barbera, Elena; Lõkone, Aivar Journal of lipid research 2013 / p. 649-661 <https://doi.org/10.1194/jlr.M031195> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Structural and functional studies of lipxygenase-hydroperoxide lyase fusion protein in the soft coral Capnella imbricata

Teder, Tarvi; Lõhelaid, Helike; Samel, Nigulas 57th ICBL : 4-8 September 2016, Chamonix, Mont Blanc, France 2016 / p. 134

Structure-reactivity relationships for organosilicon compounds revisited

Ploom, Anu; Tuulmets, Ants ISOS XVII Berlin 2014 : the 17th International Symposium on Silicon Chemistry jointly with the 7th European Silicon Days : Berlin, August 3-8, 2014 2014

A study of milk coagulability = Piima kalgendatavuse uurimine

Kriščiunaite, Tiina 2013 http://www.ester.ee/record=b2944008*est

Subchronic oral and inhalation toxicities : a challenging attempt for modeling and prediction

Dobchev, Dimitar A.; Tulp, Indrek; Karelson, Gunnar; Tamm, Tarmo; Tamm, Kaido; Karelson, Mati Molecular informatics 2013 / p. 793-801 : ill <https://doi.org/10.1002/minf.201300033> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Substituted apatites as sorbents for heavy metals

Peld, Merike 2005 https://www.ester.ee/record=b1994280*est

Sugar and sugar derivatives in ionic liquid media obtained from lignocellulosic biomass

Hyvärinen, S.; Mikkola, J.-P.; Murzin, D. Yu.; Vaher, Merike; Kaljurand, Mihkel; Koel, Mihkel UBIOCHEM IV : 4th International Workshop of COST Action CM0903 : 14-16 October, 2013, Valencia, Spain : book of abstracts 2013 / p. 42

Sugars and sugar derivatives in ionic liquid media obtained from lignocellulosic biomass: Comparison of capillary electrophoresis and chromatographic analysis

Hyvärinen, S.; Mikkola, J.-P.; Murzin, D. Yu.; Vaher, Merike; Kaljurand, Mihkel; Koel, Mihkel Catalysis today 2014 / p. 18-24 : ill <https://doi.org/10.1016/j.cattod.2013.08.015> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Sugars and sugar derivatives in ionic liquids media obtained from lignocellulosic biomass : comparizon of capillary electrophoresis and chromatographic analysis

Hyvärinen, S.; Mikkola, J.-P.; Murzin, D. Yu.; **Vaher, Merike; Kaljurand, Mihkel; Koel, Mihkel** Catalysis today 2014 / p. 18-24 : ill

Supramolecular control in hemicucurbiturils

Aav, Riina; Kaabel, Sandra; Prigorchenko, Elena; Fomitšenko, Maria; Öeren, Mario; Trunin, Madli; Adamson, Jasper; Rissanen, Kari 11th International Symposium on Macrocyclic and Supramolecular Chemistry : ISMSC-2016 : Seoul, Korea, 10-14 July 2016 2016 / p. PB037

Surma hääl - 2058 herts

Strandberg, Marek; Idla, Katrin Postimees 2016 / lk. 16 <https://arvamus.postimees.ee/3811345/marek-strandberg-ja-katrin-idla-surma-haal-2058-herts>

SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program

2011 http://www.ester.ee/record=b2713869*est

Sõnajalaõiega haigusetekitajaid püüdm

Strandberg, Marek Inseneeria 2015 / lk. 6 https://artiklid.elnet.ee/record=b2738584*est

Süstiv žgutt ja side

Strandberg, Marek Inseneeria 2016 / lk. [6] https://artiklid.elnet.ee/record=b2797054*est

Synthesis and quantitative analysis of diastereomeric linked ester conjugates with remote stereocenters using high field NMR and chiral HPLC

Doyle, Eva; Parve, Jaan; Kudrjašova, Marina; Tamp, Sven; Müürisepp, Aleksander-Mati; Villo, Ly; Vares, Lauri; Pehk, Tõnis; Parve, Omar Chirality 2013 / p. 793-798 : ill <https://doi.org/10.1002/chir.22217> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of 4'-substituted 2', 3'-dideoxynucleoside analogues = 4'-asendatud 2', 3'-dideoksünukleosiidi analoogide süntees

Jõgi, Artur 2008 https://www.ester.ee/record=b2402245*est

Synthesis of 9,11-secosterols intermediates

Aav, Riina 2005 http://www.ester.ee/record=b2041634*est

Synthesis of a series of amino acid derived ionic liquids and tertiary amines : green chemistry metrics including microbial toxicity and preliminary biodegradation data analysis

Jordan, Andrew; Haiss, Annette; Spulak, Marcel; **Karpichev, Yevgen;** Kümmerer, Klaus; **Gathergood, Nicholas** Green chemistry 2016 / p. 4374-4392 : ill <https://doi.org/10.1039/c6gc00415f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of cyclic 3-aryl-substituted 1,2-dicarbonyl compounds via Suzuki cross-coupling reaction

Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 107 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Synthesis of cyclopentane and tetrahydrofuran derivatives = Tsüklopentaanide ja tetrahüdrofuraanide süntees

Niidu, Allan 2013 https://www.ester.ee/record=b2992932*est

Synthesis of heterobicyclo[3.2.0]heptane derivatives via multicomponent cascade reaction =

Heterobitsüklo[3.2.0]heptaanide süntees multikomponentse kaskaadreaktsiooniga

Ausmees, Kerti 2013 http://www.ester.ee/record=b3034700*est

Synthesis of the cyclohexylhemicucurbit[n]urils

Shmatova, Elena; Kruusamägi, Madli; Öeren, Mario; Reile, Indrek; **Aav, Riina** 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

Synthesis of the new inverted cis-cyclohexanohemicucurbit[6]uril

Trunin, Madli; Prigorchenko, Elena; Baškir, A.; Kaabel, Sandra; Fomitšenko, Maria; Aav, Riina Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 162 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Synthesis of triazole-based halogen-bond donors

Kaasik, Mikk; Kriis, Kadri; Kaabel, Sandra; Kanger, Tõnis Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 81 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Synthesis, structural characterization and modification of PAMAM dendrimers

Peterson, Janek 2002 https://www.ester.ee/record=b1715360*est

Technology and know-how for optimisation and control of microbiological processes

Vilu, Raivo; Paalme, Toomas Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 192
https://www.ester.ee/record=b1052731*est

Template-controlled synthesis of chiral cyclohexylhemicucurbit[8]uril

Prigorchenko, Elena; Öeren, Mario; Kaabel, Sandra; Fomitšenko, Maria; Reile, Indrek; Järving, Ivar; Tamm, Toomas; Topic, Filip; Rissanen, Kari; Aav, Riina Chemical communications 2015 / p. 10921-10924 : ill <https://doi.org/10.1039/c5cc04101e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Teoreetilise keemiast molekulaartehnoloogiani

Karelson, Mati; Maran, Uko Teadusmõtte Eestis : täppisteadused : [artiklikogumik] 2006 / lk. 169-172
https://www.ester.ee/record=b2230239*est

Termilised muutused katioonasendustega karbonaatapatiitides : 1994. a. : TTÜ-sisese uurimistoetuse aruanne, töö nr. KKA-G415

Peld, Merike 1994

Termokromatogrammide analüüs peakomponentide meetodil : magistritöö

Ivask, Kaire 1995 https://www.ester.ee/record=b2078776*est

Tetrahymena thermophila : a good model for nanoecotoxicity studies

Juganson, Katre; Mortimer, Monika; Ivask, Angela; Käkinen, Aleksandr; Visnapuu, Meeri; Kahru, Anne Ciliates as model systems to study genome evolution, mechanisms of non-Mendelian inheritance and environmental adaptation : Tallinn, Estonia : 12-16 May, 2013 : book of abstracts 2013 / p. 60

The complementary use of UV, EPR and SEC to study the structural changes of humic substances during wood waste composting

Bikovens, O.; Lepane, Viia; Makarõtševa, Natalja; Dizhbite, T.; Telysheva, G. Functions of natural organic matter in changing environment 2013 / p. 113-117

The effects of milk composition and treatment on the growth of Lactic Acid Bacteria = Piima koostise ja töötlemise mõju piimhappebakterite kasvule

Stulova, Irina 2013 https://www.ester.ee/record=b3003913*est

The pretreatment of lignocellulosic biomass with ionic liquids

Aid, Tiina; Hyvärinen, S.; Koel, Mihkel; Vaher, Merike UBIOCHEM IV : 4th International Workshop of COST Action CM0903 : 14-16 October, 2013, Valencia, Spain : book of abstracts 2013 / p. 43

The study of fructan metabolism by fecal culture in isothermal microcalorimeter

Adamberg, Kaarel; Tomson, Katrin; Visnapuu, Triinu; Adamberg, Signe 2014 ENGIHR Conference : The Gut Microbiota Throughout Life : Max Rubner-Institut, Karlsruhe (Germany), 24th-26th September 2014 / [3] p. : ill

The study of properties of aerogels derived from oil shale phenols

Pihl, Olga; Koel, Mihkel Abstracts book of 34th Oil Shale Symposium : October 13-17, 2014, Colorado School of Mines, Golden, Colorado 2014 / p. 55

The synthesis and epoxidation of allylic cyclopentenols

Oja, Karolin; Paju, Anne; Pehk, Tõnis; Lopp, Margus 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

The synthesis and epoxidation of allylic cyclopentenols

Oja, Karolin; Paju, Anne; Pehk, Tõnis; Lopp, Margus TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Theoretical investigation of a parallel catalytic cycle in CO₂ hydrogenation by (PNP)IrH₃

Osadchuk, Irina; Tamm, Toomas; Ahlquist, Marten S. G. Organometallics 2015 / p. 4932-4940 : ill
<https://doi.org/10.1021/acs.organomet.5b00448> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A thermogravimetric method for comparing the SO₂-binding abilities of different lime-containing materials

Kuusik, Rein, keemik; Trikkel, Andres Journal of thermal analysis 1995 / p. 111-121: ill

Thermomyces lanuginosus lipase with closed lid catalyzes elimination of acetic acid from 11-acetyl-prostaglandin E₂

Villo, Ly; Metsala, Andrus; Tamp, Sven; Parve, Jaan; Vallikivi, Imre; Järving, Ivar; Nigulas, Samel; Lille, Ülo; Pehk, Tõnis;

Parve, Omar ChemCatChem 2014 / p. 1998-2010 : ill <https://doi.org/10.1002/cctc.201400019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Thermophosphates from Kovdor and Siilinjärvi apatites
Tõnsuaadu, Kaia 1995 http://www.ester.ee/record=b1067577*est

3-Alkyl-1,2-cyclopentanediones by Negishi cross-coupling of a 3-bromo-1,2-cyclopentanedione silyl enol ether with alkylzinc reagents : an approach to 2-substituted carboxylic acid γ -lactones, homocitric and lycoperdic acids
Paju, Anne; Kostomarov, Diana; Matkevits, Katharina; Laos, Marit; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Tetrahedron 2015 / p. 9313-9320 : ill <https://doi.org/10.1016/j.tet.2015.10.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

3-alkylcyclopentane-1,2-diones in asymmetric oxidation and alkylation reactions = 3-alküülsüklopentaan-1,2-dioonid asümmeetrilistes oksüdeerimis- ja alküleerimisreaktsioonides
Reile, Indrek 2012 http://www.ester.ee/record=b2756921*est

3-Chlorooxindoles : versatile starting materials for asymmetric organocatalytic synthesis of spirooxindoles
Noole, Artur; Ošeka, Maksim; Pehk, Tõnis; Öeren, Mario; Järving, Ivar; Elsegood, Mark R. J.; Malkov, Andrei; Lopp, Margus; Kanger, Tõnis Advanced synthesis and catalysis 2013 / p. 829-835 : ill [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Timmitud kriitika : [juhtkirj]
Strandberg, Marek Inseneeria 2014 / lk. 4

Tippteaduse heaks tuleb geniaalsust ja töötahet toetada õigel ajal : [intervjuu akadeemik Martti Raidaliga]
Strandberg, Marek; Raidal, Martti Sirp 2013 / lk. 25 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/2013-12-12-14-09-28-2/>

Toiduhügieenikoolituse täiendmaterjalid
Kann, Aino; Veskus, Tiina; Tedersoo, Erge; Laasik, Marju; Vokk, Raivo 2014 http://www.ester.ee/record=b3084801*est

Toiduhügieenikoolituse täiendmaterjalid
Kann, Aino; Veskus, Tiina; Tedersoo, Erge; Laasik, Marju; Vokk, Raivo 2010 http://www.ester.ee/record=b2631503*est

Toiduhügieenikoolituse täiendmaterjalid
Kann, Aino; Veskus, Tiina; Vokk, Raivo; Laasik, Marju 2008 http://www.ester.ee/record=b2364665*est

Toiduhügieenikoolituse täiendmaterjalid
Kann, Aino; Veskus, Tiina; Vokk, Raivo; Liebert, Tiiu; Pappel, Kaie; Laasik, Marju 2004 https://www.ester.ee/record=b1905866*est

Topological fingerprints as an aid in finding structural patterns for LRRK2 inhibition
Kahn, Iiris; Lomaka, Andre; Karelson, Mati Molecular informatics 2014 / p. 269-275 : ill <https://doi.org/10.1002/minf.201300057> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Toxicity and bio-acceptability in the context of biological processes in ionic liquid media
Prydderch, Hannah; Heise, Andreas; Gathergood, Nicholas Ionic liquids in the biorefinery concept : challenges and perspectives 2016 / p. 168-201 <https://doi.org/10.1039/9781782622598-00168> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Trans-tsükloheksaanuurea VCD analüüs tahkes ja vedelas faasis : [posterettekanne]
Peterson, Anna; Öeren, Mario; Shmatova, Elena; Kailas, Tiiu; Aav, Riina XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013

Triple benefit of manure and solid slaughterhouse waste rendering products co-digestion : simple concept, increased volumetric biogas production and fertilizer value
Pitk, Peep ManuREsource 2013 : International conference on manure management and valorization, December 5-6 2013, Bruges, Belgium 2013

Tsükloheksüülpoolkukurbituriilide süntees mikrolainereaktoris : [posterettekanne]
Kruusamägi, Madli; Shmatova, Elena; Aav, Riina XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013

TTÜ ühtsuse nimel on vaja töötada
Kaljurand, Mihkel Mente et Manu 2015 / lk. 5 https://artiklid.elnet.ee/record=b2749531*est

Tuumadopingu küttijad
Strandberg, Marek Inseneeria 2015 / lk. 6 https://artiklid.elnet.ee/record=b2748891*est

12th Nordic-Baltic IHSS Symposium on Natural Organic Matter in Environment and Technology : Tallinn, Estonia, June 14-17, 2009 : program and abstracts

2009 http://www.ester.ee/record=b2508511*est

Tähelepanuväärseid naisi TTÜ ajaloost - Erika Talts

Hödrejärvi, Helvi Insenerikultuur Eestis. 2 1995 / lk. 37-47: ill https://www.ester.ee/record=b1063622*est

Tähtede sõda tüügasmetsas

Strandberg, Marek Inseneeria 2015 / lk. 8 https://artiklid.elnet.ee/record=b2745529*est

Tüüritavate omadustega lahustid

Koel, Mihkel Teadusmõte Eestis : täppisteadused : [artiklikogumik] 2006 / lk. 217-223 : ill https://www.ester.ee/record=b2230239*est

Up-regulated expression of AOS-LOXa and increased eicosanoid synthesis in response to coral wounding

Löhelaid, Helike; Teder, Tarvi; Töldsepp, Kadri; Ekins, Merrick; **Samel, Nigulas** PLoS ONE 2014 / p. 1-9 : ill

<https://doi.org/10.1371/journal.pone.0089215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uptake and accumulation of B-group vitamins in Saccharomyces cerevisiae in ethanol-stat fed-batch culture

Paalme, Toomas; Kevvai, Kaspar; Vilbaste, K.; Hälvín, Kristel; Nisamedtinov, Ildar World journal of microbiology and biotechnology 2014 / p. 2351-2359 : ill <https://doi.org/10.1007/s11274-014-1660-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Use of alkali-activated aluminosilicate material to enhance biogas production from acidic whey

Rugele, K.; Skripsts, E.; Mezule, L.; Pitk, Peep; Bajare, D.; Juhna, T. Open biotechnology journal 2015 / p. 54-60 : ill

<https://doi.org/10.2174/1874070701509010054> [Journal metrics at Scopus](#) [Article at Scopus](#)

Using thermogravimetry to determine the SO₂ binding ability of different calcium-based sorbents

Triikkel, Andres; Kuusik, Rein, keemik; Kaljuvee, Tiit 15th Nordic Symposium for Thermal Analysis and Calorimetry, Helsinki, Finland, Nov. 13-15, 1996 : programme, extended abstracts 1996 / P.10 [2 p.]

Utilization of 15N-labelled yeast hydrolysate in Lactococcus lactis IL1403 culture indicates co-consumption of peptide-bound and free amino acids with simultaneous efflux of free amino acids

Kevvai, Kaspar; Kütt, Mary-Liis; Nisamedtinov, Ildar; Paalme, Toomas Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiology 2014 / p. 511-522 : ill <https://doi.org/10.1007/s10482-013-0103-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Utilization of capillary electrophoresis technique to analyse sugars in ionic liquid

da Costa Lopes, A. M.; Aid, Tiina; Vaher, Merike; Bogel-Lukasik, R.; **Koel, Mihkel** UBIOCHEM IV : 4th International Workshop of COST Action CM0903 : 14-16 October, 2013, Valencia, Spain : book of abstracts 2013 / p. 98

Uued tsütotoksilised steroidid korallist Gersemia fruticosa = New cytotoxic sterols from the soft coral Gersemia fruticosa

Koljak, Reet; Lopp, Annika; **Pehk, Tõnis; Varvas, Külliki; Järving, Ivar;** Samel, Nigulas XVII Eesti keemiapäevad :

teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 81-82

https://www.ester.ee/record=b1070511*est

Uued viisid bituumensideainete kvaliteediomaduste määramiseks ja võimalused nende rakendamiseks, pidades silmas konkreetsele objektile vastavaid kriteeriume sideaine eeldatavast elueast ja kasutuskohast lähtuvalt : teadus- ja arendustöö lõpparuanne [Võrguteavik]

Aavik, Andrus; Kulp, Maria; Sillamäe, Sven; Lill, Kristjan; Hesp, Simon A. M.; Teymourpour, Ponya; Bahia, Hussain 2015

https://www.mnt.ee/sites/default/files/survey/bituumeniuring_2015.pdf

Uureapõhised molekulaarsed mahutid

Aav, Riina Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 243-247 : ill

Uus kiraalse tsükloheksüülpoolkukurbiturilli struktuur ja komplekseerimine

Shmatova, Elena; Reile, Indrek; Kuhtinskaja, Maria; Öeren, Mario; Topic, Filip; Rissanen, Kari; **Aav, Riina** XXXIII Eesti

Keemiapäevad : teaduskonverentsi teesid 2013

Uus kliimamood - otse Pariisist!

Strandberg, Marek Õhtuleht 2015 / lk. 14 <https://www.oh tuleht.ee/709029/marek-strandberg-uus-kliimamood-otse-pariisist>

Vedelaraudtee - rööbassild Saaremaale

Strandberg, Marek Eesti Päevaleht 2004 / lk. 3 https://www.ester.ee/record=b1072079*est

Veel üks termotuumareaktor laiatarbekasutusse, vähemalt lootus selleks

Strandberg, Marek Inseneeria 2016 / lk. [8] : fot https://artiklid.elnet.ee/record=b2762498*est

Veel üks tipp - heeliumi oma

Strandberg, Marek Inseneeria 2016 / lk. 10 : fot https://artiklid.elnet.ee/record=b2753118*est

Vesi mootoris, sedapuhku bemmi omas

Strandberg, Marek Inseneeria 2015 / lk. 7 : fot https://artiklid.elnet.ee/record=b2738559*est

Vesinikperoksiidi, superoksiidi ja hüdroksüülradikaalide osalus hematoporfüriini derivaadi (HPD) fototoksilises toimes kasvajarakkudele

Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 117-118 : ill https://www.ester.ee/record=b2096462*est

When can ionic liquids be considered readily biodegradable? Biodegradation pathways of pyridinium, pyrrolidinium and ammonium-based ionic liquids

Deng, Y.; Beadham, I.; Ghavre, Mukund; Costa Gomes, M. F.; **Gathergood, Nicholas** Green chemistry 2015 / p. 1479-1491 : ill <http://dx.doi.org/10.1039/C4GC01904K>

Vilepuhujate toetuseks

Strandberg, Marek Postimees 2015 / AK=Arvamus.Kultuur, lk. 5 <https://arvamus.postimees.ee/3190227/marek-strandberg-vilepuhujate-toetuseks>

Vool valgusest pimeduses

Strandberg, Marek Inseneeria 2016 / lk. [6] : fot https://artiklid.elnet.ee/record=b2780104*est

Võimalikku ohtu näitavad märgid on jälgitavad

Idla, Katrin Eesti Päevaleht 2014 / lk. 6 <https://epl.delfi.ee/artikkel/70038555/voimalikku-ohtu-naitavad-margid-on-jalgitavad>

Õiged toonid hävitavad vaenlase

Strandberg, Marek Inseneeria 2015 / lk. 9 : fot https://artiklid.elnet.ee/record=b2748893*est

Ökoloogiline ehitis - kas ka ökoloogiline äri?

Strandberg, Marek Ärielu : ehituse lisa 2004 / lk. 54-57 https://artiklid.elnet.ee/record=b2012972*est

100 miljardit krooni ökokodule säästaks tulevikus tunduvalt enam

Strandberg, Marek Eesti Päevaleht 2004 / Roheline värv, lk. 7 https://www.ester.ee/record=b1072079*est

Üld- ja anorgaanilise keemia praktikum

Hödrejärv, Helvi; Truus, Kalle 2002 http://www.ester.ee/record=b1682567*est

XVI Eesti keemiapäevade teaduskonverents = 16th Estonian Chemistry Days scientific conference

Rajalo, Guido; Lille, Ülo Proceedings of the Estonian Academy of Sciences. Chemistry 1995 / 2-3, lk. 97-100

XXII maailma energeetikakongress Daegus

Preegel, Gert Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 312-313

Исследование активированной деградации органических красителей и СПАВ в составе сточных вод предприятий текстильной промышленности : автореферат ... кандидата технических наук (05.483)

Spivakova, Olga 1972 http://www.ester.ee/record=b1660340*est

Микроморфология пироуглерода, формирующегося в индифферентных и каталитических условиях

Aarna, Agu; Žirjakov, Juri Горючие Сланцы 1987 / с. 181-187 : илл https://www.ester.ee/record=b1072685*est

Получение метаболитов тромбосана A2 и природных Е-простагландинов : автореферат ... кандидата химических наук (02.00.03)

Järving, Ivar 1991 https://www.ester.ee/record=b1205942*est

Развитие сланцевой химии в годы Советской Власти

Aarna, Agu; Urov, Kaarli Горючие Сланцы 1987 / с. 328-333 https://www.ester.ee/record=b1072685*est