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
Trikkel, 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 scientarum 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
Lõhelaid, 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, Sergo; **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
Makarõtševa, 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; Vorrsjö, Evelina; Talmund, Philippa; **Lõokene, 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, Eugeniy 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 Teadusmõte 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

metrics at WOS Article at WOS

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 toimel
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-cyclopropaneoxindoles
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-oxotetrahyrofuran-2-carboxylic acids
Paju, Anne; **Oja, Karolin**; **Matkevitš, 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 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-secosterols 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**; **Peikolainen, 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

Avariielektrijaam valmis, virtuaaljõujaam 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

$CaCl_2$, 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 kapillaarelektroforeetiline 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; Peikolainen, 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/i/?284 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, Tiiu-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/celc.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

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
Öeren, 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
Öeren, 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**; **Hödrejärv, 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
Kuldvee, Ruth 1999 http://www.ester.ee/record=b1273072*est

Conformational switching of ethano-bridged Cu,H_2-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; **Öeren, 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; **Öeren, 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; **Öeren, 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
Hödrejärv, Helvi; **Veiderma, Mihkel**; **Kuusik, Rein, keemik**; **Hödrejärv, Helvi**; **Kallast, Vambola**; **Lille, Ülo**; **Öpik, Andres**; **Köstner, Ado**; **Vilu, Raivo**; **Kreen, Malle**; **Kuusik, Rein, keemik**; **Öpik, 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 proovimaatriksites kasutades fluoresentsspektroskoopia 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 antioksüdatiivsuse 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; Kirsi, Anna-Liisa; Freiberg, Rene; **Alliksaar, Tiiu**; **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-Kirsi/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 scientarum Estonicae 2014
2015

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientarum 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 Voltšihhin, Liina Lind, Nicole Delpeche-Ellmann, Irina Klimova, Ene Viiard 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; Peikolainen, 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-enoates
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
Trubitsõn, 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 / l. 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; **Lõokene, 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**; **Alliksaar, 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.ohtuleht.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; Cocaign-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

Glükoosi pidurdav toime trombotsüütide agregatsiooni inhibeerimisele COXi 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**; Slepetiene, Alvyra; Slepetys, 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-valkude 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-

7 : ill https://doi.org/10.1186/s40538-015-0040-6 Journal metrics at Scopus Article at Scopus

Improved C5D electronic realization of conductivity detector for capillary electrophoresis
Jaanus, Martin; **Udal, Andres**; **Kukk, Vello**; **Umbleja, Kadri**; **Gorbatšova, Jelena**; **Mölder, Lauri** Elektronika ir elektrotechnika = 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 withinhibition 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, Tiiu-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 titanacyclopropane 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 titanacyclopropane 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

https://doi.org/10.1186/1752-0509-7-134 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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; **Põldemaa, 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, Ursel; **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, Eugeniy 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 vabadus kasutada autosid
Strandberg, Marek Eesti Päevaleht 2004 / lk. 3 https://epl.delfi.ee/artikkel/50993364/marek-strandberg-jarjekordne-vabadus-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 sulfhüdriilsete 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
Hödrejärv, 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 alkoxysilanes
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 alkoxysilanes
Ploom, Anu; Tuulmets, Ants XXVI Inernational 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

Konnektoom ehk ajust 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

Kvaliteeditagamine 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 https://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 kokkuvõtted 1996 / lk. 276 https://www.ester.ee/record=b1052731*est

Loomakasvatuses ja lihatööstuses tekkivate loomsete kõrvalsaaduste kasutusvõimalused biogaasi ja orgaanilise väetise tootmiseks
Pitk, Peep Lihafoorum 2013 2013 / lk. 17-21 : ill

Maailma 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

Meditsiinidiagnostika 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 effienciency, 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, Tiiu-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 tulevikuautod 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 [Elektrooniline 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 [Elektrooniline 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.ohtuleht.ee/762060/marek-strandberg-mis-presidendivalimistel-tegelikult-juhtus

Model studies for the coupling of AB-ring and D-ring fragments of 9,11-secosterols
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/old/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, Sergo; **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 mõttebarjääre
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 syntheis of trifluoromethyl-substituted derivatives
Kütt, Agnes; **Werner, Franz**; Kaljurand, Ivari; Leito, Ivo; Koppel, Ilmar A. ChemPlusChem 2013 / p. 932 - 936 https://doi.org10.1002/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
Põldme, 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/?96 https://www.ester.ee/record=b2146047*est

Plastivaba juuli : kas moehullus või mõttekoht?
Strandberg, Marek; Stepanov, Maarit Õhtuleht 2016 / lk. 5 https://www.ohtuleht.ee/746913/plastivaba-juuli-kas-moehullus-voi-mottekoht

Pleegitatud teadus
Strandberg, Marek Õhtuleht 2015 / lk. 11 https://www.ohtuleht.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 lülijalgsetes ja punavetikates
Hansen, Kristella 2015 https://www.ester.ee/record=b4442497*est

Proteiinirikaste loomsete kõrvalsaaduste kooskääritamine veiselägaga : ressurss, 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 fluorhüdroksüapatiidid = 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
Trikkel, Andres; **Kaljuvee, Tiit**; **Kuusik, Rein, keemik** XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th

Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 209-210 https://www.ester.ee/record=b1070511*est

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; Tämm, 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 Loctococcus 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**; **Loorits, 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 : [kommentaar 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 elecrophoretic separations
Vaher, Merike 2002 https://www.ester.ee/record=b1715414*est

Rotiketrajad
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 nuppudega 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
Fomitšenko, 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, Dzmitry; Konik, Yulia A.; Zubrytski, Dzmitry 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**; **Trikkel, 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**; **Trikkel, 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-cyclopentanediols 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-dioxa[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, Sergo**; **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; **Lõokene, 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 lipoxygenase-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; Tämm, 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 hertsi
Strandberg, Marek; **Idla, Katrin** Postimees 2016 / lk. 16 https://arvamus.postimees.ee/3811345/marek-strandberg-ja-katrin-idla-surma-haal-2058-hertsi

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 püüdmas
Strandberg, Marek Inseneeria 2015 / lk. 6 https://artiklid.elnet.ee/record=b2738584*est

Süstitav 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 süstees
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

Teoreetilisest keemiast molekulaartehnoloogiani
Karelson, Mati; Maran, Uko Teadusmõte 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 CO_2 hydrogenation by (PNP)IrH_3
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; **Kostomarova, Diana**; **Matkevitš, 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-alküültsüklopentaan-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 : [juhtkiri]
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
Hödrejärv, Helvi Inseneerikultuur 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
Lõhelaid, Helike; **Teder, Tarvi**; **Tõldsepp, 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 vitamers in Saccharomyces cerevisiae in ethanol-stat fed-batch culture
Paalme, Toomas; **Kevvai, Kaspar**; **Vilbaste, K.**; **Hälvin, Kristel**; **Nisamedtinov, Ildar** World jouornal 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 aluminosilicatematerialto enhancebiogas 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
Trikkel, 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/bituumeniuuring_2015.pdf

Uureapõhised molekulaarsed mahutid
Aav, Riina Tallinna Tehnikaülikooli aastaraamat 2013 2014 / lk. 243-247 : ill

Uus kiraalse tsükloheksüülpoolkukurbituriili 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.ohtuleht.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 värav, 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 тромбоксана А2 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