

Aminocatalysts are more environmentally friendly than hydrogen-bonding catalysts

Sihtmäe, Mariliis; Silm, Estelle; Kriis, Kadri; Kahru, Anne; Kanger, Tõnis ChemSusChem 2022 / art. e202201045, 5 p. : ill <https://doi.org/10.1002/cssc.202201045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analytical applications of ionic liquids

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

Analytical Quality by Design in Environmental Analysis = Analüütilise disainiruumi kontseptsiooni rakendamine saasteainete pinnases määramise meetodi väljatöötamisel

Jurjeva, Jelena 2025 https://www.ester.ee/record=b5758848*est <https://digikogu.taltech.ee/et/item/365bb698-bf6e-4768-8d60-31737d61ce10> <https://doi.org/10.23658/taltech.65/2025>

Application of the principles of green chemistry in analytical chemistry

Koel, Mihkel; Kaljurand, Mihkel Pure and applied chemistry 2006 / 11, p. 1993-2002

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

Gathergood, Nicholas Abstracts : ICCE 2017 Oslo : 16th International Conference on Chemistry and the Environment : Oslo, Norway, 18-22 June 2017 / art. 171, p. [155] http://icce2017.org/downloads/Abstraktsamling_16_06_17.pdf

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

Gathergood, Nicholas 2nd Green and Sustainable Chemistry Conference : 14-17 May 2017, Berlin, Germany : abstracts 2017 / p. [O4.6]

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

Benign by design - designing chemicals and pharmaceuticals for environmental biodegradation

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

Benign design in analytical chemistry

Kaljurand, Mihkel; Koel, Mihkel Critical reviews in analytical chemistry 2012 / p. 192-195 <https://www.tandfonline.com/doi/pdf/10.1080/10408347.2011.645378>

Biofabrication of zinc oxide nanoparticles with syzygium aromaticum flower buds extract and finding its novel application in controlling the growth and mycotoxins of Fusarium graminearum

Lakshmeesha, Thimappa Ramachandrappa; Kalagatur, Naveen Kumar; Mudili, Venkataramana; Mohan, Chakrabhavi Dhananjaya; Rangappa, Shobith; Prasad, Bangari Daruka; Ashwini, Bagepalli Shivaram; Hashem, Abeer; Alqarawi, Abdulaziz A.; Gupta, Vijai Kumar Frontiers in microbiology 2019 / art. 1244, 13 p. : ill <https://doi.org/10.3389/fmicb.2019.01244> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biorefinery : value added chemicals [Online resource]

Gathergood, Nicholas The Bioeconomy in Transition Workshop Gela : 25-27 May 2017, Gela, Sicily, Italy 2017 <http://www.bioeconomy-in-transition.eu/about-workshop/>

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

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

Chirogenesis in asymmetric synthesis and catalysis

Kananovich, Dzmitry; Lopp, Margus Chirogenesis in Chemical Science 2023 / p. 169-240 : ill https://doi.org/10.1142/9789811259227_0004 https://www.ester.ee/record=b5748359*est

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](#)

Design of AChE reactivators using versatile molecular platforms and nanodiamonds

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

Development of mechanochemical c–n bond forming reactions

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

Developments in analytical chemistry initiated from green chemistry

Koel, Mihkel Sustainable Chemistry for the Environment 2024 / art.100078 <https://doi.org/10.1016/j.scenv.2024.100078> [Journal metrics at Scopus](#) [Article at Scopus](#)

Developments in the application of Green Chemistry principles to food analysis : capillary electrophoresis for the analysis of ingredients in food products

Koel, Mihkel; Borissova, Maria; Vaher, Merike; Kaljurand, Mihkel AgroFOOD industry hi-tech 2011 / 5, p. 27-29 : ill

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](#)

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

Kusumahastuti, Dewi Kurnianingsih Arum; Sihtmäe, Mariliis; Aruoja, Villem; Gathergood, Nicholas; Kahru, Anne Sustainable chemistry and pharmacy 2021 / art. 100369, 10 p <https://doi.org/10.1016/j.scp.2020.100369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Koel, Mihkel; Kaljurand, Mihkel Current Opinion in Green and Sustainable Chemistry 2021 / Art. 100541 <https://doi.org/10.1016/j.cogsc.2021.100541> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti roheline keemia saadik maailmas

Petrone, Justin Mente et Manu 2016 / lk. [12]-17 : fot https://artiklid.elnet.ee/record=b2797101*est

Eesti teadlaste loodud meetod teeb ravimitootmise keskkonnasõbralikumaks [Võrguväljaanne]

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

Emerging trends in nanoparticle synthesis using plant extracts for biomedical applications

Rauwel, Protima; Rauwel, Erwan Global journal of nanomedicine 2017 / art. 555562, p. 1-3 <http://https://juniperpublishers.com/gjn/pdf/GJN.MS.ID.555562.pdf>

Esinduslik roheline keemia konverents : [1.-5. juunini TTÜs, üks korraldajatest TTÜ]

Koel, Mihkel Mente et Manu 2005 / 16. juuni, lk. 1, 5 : fot https://www.ester.ee/record=b1242496*est

Europarlament püüab edendada rohelist keemiat : [kommentaar ka TTÜ keemiainstituudi teadlaselt Mihkel Koelilt]

Kändler, Tiit; **Koel, Mihkel** Eesti Päevaleht 2006 / 17. nov., lk. 28 <https://epl.delfi.ee/artikkel/51064558/europarlament-puuab-edendada-rohelist-keemiat>

Green analytical chemistry

Koel, Mihkel; Kaljurand, Mihkel 2010 https://www.ester.ee/record=b2634131*est

Green analytical chemistry : setting a strategic direction

Kaljurand, Mihkel; Vaher, Merike; Koel, Mihkel 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 / p. 61

Green analytical separation methods

Kaljurand, Mihkel; Koel, Mihkel Challenges in green analytical chemistry 2011 / p. 168-198 : ill <https://doi.org/10.1039/9781849732963-00168>

Green bioanalytical chemistry

Kaljurand, Mihkel; Koel, Mihkel Bioanalysis 2012 / p. 1271-1274

Green chemist: Higher quality chemistry produces less or no residue [Online resources]

Harrik, Airika news.err.ee 2022 [Green chemist: Higher quality chemistry produces less or no residue](#)

Green Chemistry and reconsidering simple analytical methods

Jõul, Piia; Kuhtinskaja, Maria; Vaher, Merike; Koel, Mihkel Chimica Oggi = Chemistry today 2017 / p. 32-34 : ill

Green chemistry tools in mechanochemistry

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

Green pyrolysis of used printed wiring board powders

Damoah, L.; Zuo, Xiangjun; Zhang, Lifeng; Schuman, T.; **Kers, Jaan** Recycling of Electronic Waste II : proceedings of the Second Symposium 2011 / p. 17-24 <https://onlinelibrary.wiley.com/doi/10.1002/9781118086391.ch3>

Greener protocol for chloromethylation of lignin and its diverse applications

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

How reliable is internal standard method in monitoring mechanochemical synthesis? A case study of triphenylmethane in HPLC-UV-MS analysis of hemicucurbit[n]urils

Jarg, Tatsiana; Tamm, Jevgenija; Suut-Tuule, Elina; Lootus, Ketren-Marlein; Kananovich, Dzmitry; Aav, Riina RSC Mechanochemistry 2025 / p. 507-515 <https://doi.org/10.1039/D4MR00145A>

Hydroxyapatite-based catalysts in organic synthesis

Gruselle, Michel; **Tõnsuaadu, Kaia;** Gredin, Patrick; Len, Christophe Design and applications of hydroxyapatite-based catalysts 2022 / chapter 10 <https://doi.org/10.1002/9783527830190.ch10>

Implementing greening into design in analytical chemistry

Jurjeva, Jelena; Koel, Mihkel Talanta open 2022 / art. 100136, 7 p <https://doi.org/10.1016/j.talo.2022.100136> Journal metrics at Scopus Article at Scopus Article at WOS

Keemia muutub rohelisemaks : [1.-5. juunil 2005 toimuvast rahvusvahelisest konverentsist TTÜs]

Koel, Mihkel Mente et Manu 2005 / 1. juuni, lk. 2 https://www.ester.ee/record=b1242496*est

Keemiateadlased: taaskasutus saab alata ka molekulaarselt tasandilt

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

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

novaator.err.ee 2019 / fot [Keemikud: uus ja kallis teadusaparatuur ei ole alati tarvilik, saab ka säästlikumalt](#)

Kinetic Modeling of Deep Oxidative Desulfurization over Functionalized UiO-66 from a Model Fuel Using Complex Reaction Theory

Barghi, Bijan; Möistlik, Tanel; Panov, Deniss; Raag, Anastassia; Järvik, Oliver; Niidu, Allan ACS Omega 2025 / p. 15947-15958 <https://doi.org/10.1021/acsomega.4c06722>

Kortsude kadumise tegelik hind

Strandberg, Marek Eesti Päevaleht 2006 / 17. okt., lk. 3 <https://epl.delfi.ee/artikkel/51060526/marek-strandberg-kortsude-kadumise-tegelik-hind>

Kuidas õpetada Prantsusmaa ajalugu ja rohelist keemiat

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

Mechanochemical synthesis of amides with uronium-based coupling reagents : a method for hexa-amidation of biotin[6]uril

Dalidovich, Tatsiana; Mishra, Kamini Atindrakumar; Shalima, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina ACS sustainable chemistry & engineering 2020 / p. 15703–15715 : ill <https://doi.org/10.1021/acssuschemeng.0c05558> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Natural pigments (anthocyanins and chlorophyll) and antioxidants profiling of European red and green gooseberry (Ribes uva-crispa L.) extracted using green techniques (UAE-citric acid-mediated extraction)

Hussain, Shehzad; Sharma, Minaxi; **Jarg, Tatsiana; Aav, Riina;** Bhat, Rajeev Current research in food science 2023 / art. 100629 <https://doi.org/10.1016/j.crfs.2023.100629> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A new chiral hemicucurbit[6]uril, a host for the ions

Aav, Riina; Shmatova, Elena; Öeren, Mario; Borissova, Maria 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 / p. 83 <https://www.etis.ee/Portal/Publications/Display/0e12460c-d3e8-424e-904a-a22e0c06633d>

New developments in separation science will help to contribute to the democratisation of analytical chemistry

Kaljurand, Mihkel; Ružicka, Martin; Gorbatšova, Jelena; Mazina-Šinkar, Jekaterina Microchemical journal 2023 / Art. 109443
<https://doi.org/10.1016/j.microc.2023.109443> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Performance of UIO-66-NH₂ on oxidation of debenzothiophene from a model fuel : optimization using response surface methodology

Barghi, Bijan; Niidu, Allan; Raag, Anastassia; Jürisoo, Martin; Volokhova, Maria; **Mikli, Valdek** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 8 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Phytochemical screening and antioxidant activity of selected Estonian Galium species

Laanet, Pille-Riin; Saar-Reismaa, Piret; **Jõul, Piia**; **Bragina, Olga**; **Vaher, Merike** Molecules 2023 / art. 2867
<https://doi.org/10.3390/molecules28062867> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Plant extract mediated synthesis of nanoparticles : chapter 14

Küünal, Siim; **Rauwel, Protima**; **Rauwel, Erwan** Emerging applications of nanoparticles and architecture nanostructures : current prospects and future trends 2018 / p. 411–446 <https://doi.org/10.1016/B978-0-323-51254-1.00014-2>

Porphyrinoid based supramolecular probes for chirality sensing

Borovkov, Victor; **Gathergood, Nicholas** Symmetry : culture and science 2017 / p. 175-178 : ill <http://journal-scs.symmetry.hu/content-pages/volume-28-number-2-pages-161-240-2017/>

Portable capillary electrophoresis as a green analytical technology

Kaljurand, Mihkel; **Mazina-Šinkar, Jekaterina** TrAC Trends in Analytical Chemistry 2022 / art. 116811
<https://doi.org/10.1016/j.trac.2022.116811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rahvusvaheline keemikute kokkutulek Eestis : ["roheline" keemiaga seotud konverentsist]

Koel, Mihkel Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 372-379

Recent advancements on greening analytical separation

Kaljurand, Mihkel; **Koel, Mihkel** Critical reviews in analytical chemistry 2011 / p. 2-20 : ill
<https://www.tandfonline.com/doi/full/10.1080/10408347.2011.539420>

Recent advances in essential oils-based metal nanoparticles : a review on recent developments and biopharmaceutical applications

Sana, Siva Sankar; Li, Huizhen; Zhang, Zhijun; Sharma, Minaxi; Usmani, Zeba; Hou, Tianyu; Netala, Vasudeva Reddy; Wang, Xin; **Gupta, Vijai Kumar** Journal of Molecular Liquids 2021 / Art. nr. 115951 <https://doi.org/10.1016/j.molliq.2021.115951> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Riina Aav : „Mida paremini me teame keemiat, seda tervislikumaid tehnoloogiaid saab luua.“

Maasikamäe, Sirje Õhtuleht 2024 / lk. 12 [Riina Aav: „Mida paremini me teame keemiat, seda tervislikumaid tehnoloogiaid saab luua.“](#)

Rohekeemik: raiskamine ja saast on märk keemiku mõttelaikusest [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2022 [Rohekeemik: raiskamine ja saast on märk keemiku mõttelaikusest](#)

Roheline analüütiline keemia : [sõnavõtt monograafia "Green analytical chemistry" esitlusel 15. juunil 2010 Akadeemia kohvikus Mustamäel]

Koel, Mihkel Tallinna Tehnikaülikooli aastaraamat 2010 2011 / lk. 290-292

Roheline keemia

Sipp, Sirli; **Sokolova, Maia**; **Koel, Mihkel** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 135

Roheline keemia jätkusuutliku tehnoloogia heaks : [kongressimuljeid]

Munter, Rein Tallinna Tehnikaülikooli aastaraamat 2002 2003 / lk. 312-315

Roheline keemia jätkusuutliku tehnoloogia teenistuses

Munter, Rein Keskkonnatehnika 2002 / 5, lk. 12-13 https://artiklid.elnet.ee/record=b1011026*est

Roheline keemia. Kas uus teadusharu?

Koel, Mihkel; Sheldon, Roger Sirp 2011 / lk. 13 : portr

Safer chemicals : reducing toxicity and improving biodegradability [Online resource]

Gathergood, Nicholas 3rd EuChemS Congress on Green and Sustainable Chemistry : 3-6 September 2017, University of York : [oral abstracts] 2017 / p. PL4 <https://www.york.ac.uk/chemistry/research/green/events/3eugsc/>

Safer chemicals: reducing toxicity and improving biodegradability

Gathergood, Nicholas Royal Society of Chemistry Molten Salts Discussion group Summer Research Meeting : 24-26th July, Downing College, University of Cambridge : Schedule and presentations 2018 / p. 12 https://cdn.website-editor.net/09bf8897834e4f9bbfbef1fe6289cd3f/files/uploaded/MSDG%2520Summer%25202018%2520programme_hDwkQAcT1mzpiHlUaRJ.pdf

Structure modification and applications of sustainable ionic liquids-based molecular platforms = Jätksuutlike ioonvedelikepõhiste molekulaarsete platvormide struktuuri muutmine ja rakendused

Kapitanov, Illia 2024 https://www.ester.ee/record=b5712448*est <https://doi.org/10.23658/taltech.66/2024> <https://digikogu.taltech.ee/et/Item/c58bf69b-bd9a-4dd4-83e8-c9d6a609a7df>

Surface active ionic liquids (SAILs) : to squeeze between biodegradability and toxicity constrains

Karpichev, Yevgen; Kapitanov, Illia; Gathergood, Nicholas Kyiv-Toulouse : IXth International Chemistry Conference "Kyiv-Toulouse" dedicated to the 100th anniversary of Fedir Babichev = IXth Conference Internationale de Chimie "Kyiv-Toulouse" dedie au 100eme anniversaire de Fedir Babichev : (Kyiv, 4-9 June 2017) : materials of reports and performances 2017 / p. 30 : ill

Surveying iron-organic framework TAL-1-derived materials in ligandless heterogeneous oxidative catalytic transformations of alkylarenes

Ping, Kefeng; Alam, Mahboob; Käärik, Maike; Leis, Jaan; Kongi, Nadežda; Järving, Ivar; Starkov, Pavel Synlett 2019 / p. 1536–1540 : ill <https://doi.org/10.1055/s-0037-1611877> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sustainable ionic liquids-based molecular platforms for designing acetylcholinesterase reactivators

Kapitanov, Illia; Karpichev, Yevgen; Gathergood, Nicholas; Spulak, Marcel; Pour, Milan; Soukup, Ondrej; Marek, Jan; Jun, Daniel; Novak, Martin; Diz de Almeida, Joyce S. F.; Costa Franca, Tanos C.; Kuca, Kamil Chemico-Biological Interactions 2023 / art. 110735 <https://doi.org/10.1016/j.cbi.2023.110735> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sustainable molecular platforms based on L-phenylalanine derivatives : from ionic liquids to systems for biomedical applications

Kapitanov, Illia; Karpichev, Yevgen Current chemical problems (CCP-2024) : book of abstracts 2024 / p. 79

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

Säästev areng ja keemia

Koel, Mihkel XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 57-58

Synthesis and biodegradation studies of a series of novel L-phenylalanine derived ionic liquids

Kapitanov, Illia; Jordan, Andrew; Haiss, Annette; Špulak, Marcel; Karpichev, Yevgen; Raba, Grete; Gupta, Vijai Kumar; Vilu, Raivo; Kümmerer, Klaus; Gathergood, Nicholas 20th European Symposium on Organic Chemistry ESOC 2017 : July 2-6, 2017, Cologne, Germany : abstracts 2017 / p. OMSC009 : ill

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](#)

Taastuvate ressurside ja keemia vahekord

Koel, Mihkel Taastuvate energiaallikate uurimine ja kasutamine : kolmanda konverentsi kogumik : [1. november 2001, Tartu] 2002 / lk. 70-77

TalTechi professor Riina Aav: kui jäägid on tekkinud, tuleb leida viis, kuidas teha need ohutult kahjutuks ning see on roheline keemia väga suur proovikivi

Aav, Riina digi.geenius.ee 2023 [TalTechi professor Riina Aav: kui jäägid on tekkinud, tuleb leida viis, kuidas teha need ohutult kahjutuks ning see on roheline keemia väga suur proovikivi](#)

The design of safer chemicals : Are mineralisable compounds an achievable goal?

Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 20-21 https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf

The development of paper microzone-based green analytical chemistry methods for determining the quality of wines

Vaher, Merike; Kaljurand, Mihkel Analytical and bioanalytical chemistry 2012 / [7 p.] : ill
https://www.researchgate.net/publication/221877797_The_development_of_paper_microzone-based_green_analytical_chemistry_methods_for_determining_the_quality_of_wines

TTÜ osaleb rohelise keemia koostöövõrgustikus

Mente et Manu 2017 / lk. 7 https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1
https://artiklid.elnet.ee/record=b2820626*est

Water ozonation - a classic example of green chemistry and technology

Munter, Rein Estonian Science Foundation 2005 2006 / p. 18 : phot

Vee osoonimine - rohelise keemia ja tehnoloogia klassikaline näide

Munter, Rein Eesti Teadusfondi Aastaraamat 2005 2006 / lk. 18 : fot

Üleilmne roheline keemia? : ettekanne Eesti Keemia Seltsi üldkoosolekul 18. novembril 2004 TTÜ aulas

Koel, Mihkel Tallinna Tehnikaülikooli aastaraamat 2004 2005 / lk. 327-336