

**A total conformational analysis of diastereomeric esters and calculation of their conformational shielding models**  
**Tamp, Sven; Danilas, Kady; Kreen, Malle; Vares, Lauri; Kiirend, Ene; Vija, Sirje; Pehk, Tõnis; Parve, Omar; Metsala, Andrus**  
Journal of molecular structure : THEOCHEM 2008 / 1/3, p. 84-91 : ill  
[https://www.researchgate.net/publication/244272489\\_A\\_total\\_conformational\\_analysis\\_of\\_diastereomeric\\_esters\\_and\\_calculation\\_of\\_their\\_conformational\\_shielding\\_models](https://www.researchgate.net/publication/244272489_A_total_conformational_analysis_of_diastereomeric_esters_and_calculation_of_their_conformational_shielding_models)

### **Alcoholysis of primary amides in the presence of CF<sub>3</sub>SO<sub>3</sub>H**

Mastiitski, Anton; Vellemae, Eerold; Smorodina, Varvara; **Konist, Alar**; Järv, Jaak Organic preparations and procedures international 2023 / p. 458-468 : ill <https://doi.org/10.1080/00304948.2023.2184997> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Alexela ja tehnikaülikool tömbasid katte aastaidarendatud harukordset põlevkivitehnoloogialt [Võrguväljaanne]**

Pau, Aivar forte.delfi.ee 2022 [Alexela ja tehnikaülikool tömbasid katte aastaidarendatud harukordset põlevkivitehnoloogialt](#)

### **Aliphatic dicarboxylic acids from oil shale organic matter - historic review**

Veski, Rein; **Veski, Siim** Oil shale 2019 / p. 76-95 : phot <https://doi.org/10.3176/oil.2019.1.06>  
[http://www.kirj.ee/public/oilshale\\_pdf/2019/issue\\_1/OS-2019-1-76-95.pdf](http://www.kirj.ee/public/oilshale_pdf/2019/issue_1/OS-2019-1-76-95.pdf) Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Asymmetric synthesis of 2/alkyl-substituted 2-hydroxyglutaric acid [gamma]-lactones**

Paju, Anne; Laos, Marit; Jõgi, Artur; Päri, Malle; Jäälaid, Raissa; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Tetrahedron letters 2006 / 26, p. 4491-4493 <https://www.sciencedirect.com/science/article/pii/S004040390600726X>

### **Asymmetric synthesis of 2-aryl-5-oxotetrahydrofuran-2-carboxylic acids**

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Kanger, Tõnis; Lopp, Margus Synthesis 2006 / 18, p. 3031-3036 : ill <https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-2006-950193>

### **Asymmetric synthesis of tertiary 2-substituted 5-oxotetrahydrofuran-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](https://doi.org/10.3987/COM-13-S(S)28) Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Dikarboksüülhapete stabiilsus oksüdatsioonil õhuuhapnikuga vesikeskkonnas**

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

### **Eesti teadlased on leidnud uudse lahenduse põlevkivi väärindamiseks [Võrguväljaanne]**

keskkonnatehnika.ee 2022 [Eesti teadlased on leidnud uudse lahenduse põlevkivi väärindamiseks](#)

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

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

### **Hüvasti, põlevkivi, tere tulemast, kukersiit!**

Lopp, Margus postimees.ee 2024 / lk. 8 [Hüvasti, põlevkivi, tere tulemast, kukersiit!](#) <https://dea.digar.ee/article/postimees/2024/04/20/10.3>

### **loonsete vedelike kasutamine mitte-vesikeskkonnalisel kapillaarelektroforeesil fenoolsete ühendite ja karboksüülhapete analüüsил**

Vaher, Merike; Koel, Mihkel; **Kaljurand, Mihkel** XXVII Eesti keemiatäiendus : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 152-153

### **Kaugmõju efektid karboksüülhapete ja nende derivaatide <sup>13</sup>C TMR spektrites**

Pehk, Tõnis XXIII Eesti keemiatäiendus : teaduskonverentsi ettekannete referaadid 1997 / lk. 101

### **Kerox technology: potential of piloting the production of medium chain dicarboxylic acids from kerogen in a continuous flow oxidation reactor**

Reinaas, Maria; Kaldas, Kristiina; Muldma, Kati; Uustalu, Jaan Mihkel; Koern, Villem Ödner; Siirde, Kaarel; Silm, Estelle; Mets, Birgit; Kimm, Mariliis; Röök, Kristi Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 29 ; poster 20 [https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts\\_pub3.pdf](https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf)

### **Küllastunud alifaatsete dikarboksüülhapete segu lahutamisvõimaluste uurimine**

Kann, Jüri 1967 [http://www.esther.ee/record=b2199541\\*est](http://www.esther.ee/record=b2199541*est)

### **Novel treatment method for black liquor and biomass hydrolysate with partial wet oxidation**

Muddassar, Hassan Raja; Melin, Kristian; Kuppa, Sarada; Koskinen, Jukka; Hurme, Markku; De Kokkonen, Daniela; **Kallas, Juha** Cellulose chemistry and technology 2015 / p. 347-360 : ill [https://www.cellulosechemtechnol.ro/pdf/CCT3-4\(2015\)/p.347-360.pdf](https://www.cellulosechemtechnol.ro/pdf/CCT3-4(2015)/p.347-360.pdf) Journal

**On the influence of some inorganic salts on the partitioning of citric acid between water and organic solutions of tri-n-octylamine. Part 1, Methyl isobutyl ketone as organic solvent**

Schunk, Andreas; **Menert, Anne**; Maurer, Gerd Fluid phase equilibria 2004 / p. 55-72 : ill

[https://www.academia.edu/1481895/On\\_the\\_influence\\_of\\_some\\_inorganic\\_salts\\_on\\_the\\_partitioning\\_of\\_citric\\_acid\\_between\\_water\\_and\\_organic\\_solutions\\_of\\_tri\\_n\\_octylamine](https://www.academia.edu/1481895/On_the_influence_of_some_inorganic_salts_on_the_partitioning_of_citric_acid_between_water_and_organic_solutions_of_tri_n_octylamine)

**On thermal stability of amine and carboxylic acid-based protic ionic liquids**

Kaljusmaa, Liisa-Maria; Adamson, Jasper; Järvik, Oliver Book of Abstracts of the 7th International Conference on Ionic Liquid-Based Materials 2023 / p. 97 <https://ilmat2023.events.chemistry.pt/book-of-abstracts>

**A practical asymmetric synthesis of (S) and (R)-2-methyl-5-oxotetrahydrofuran carboxylic acids**

Jäälaid, Raissa; **Paju, Anne**; Eek, Margus; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 88

**Study of the toxic effect of the short- and medium-chain monocarboxylic acids on the growth of *Saccharomyces cerevisiae* using the CO<sub>2</sub>-auxo-accelerostat fermentation system**

Kasemets, Kaja; Kahru, Anne; Laht, Tiiu-Maie; Paalme, Toomas International journal of food microbiology 2006 / 3, p. 206-215 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0168160506002960>

**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 3-phenyl-2-hydroxy-2-cyclopenten-1-ones and their asymmetric oxidation**

Jögi, Artur; **Paju, Anne**; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Kailas, Tiiu; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 100

**Synthesis of benzfuroxan-4-carboxylic acid**

Schmidt, M.; Eek, Margus; **Pehk, Tõnis**; Lopp, Margus 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 66

**The stability of dicarboxylic acids in subcritical wet air oxidation (wao) conditions [Online resource]**

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p.: ill <http://fmtdk.ut.ee/teesid-2019/>

**The use of long range effects in <sup>13</sup>C NMR spectra of carboxylic acids and their derivatives**

Pehk, Tõnis 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 111

**Uudne meetod aitab põlevkivist keskkonnasõbralikumalt kemikaale ammutada [Võrguväljaanne]**

Oidermaa, Jaan-Juhan novaator.err.ee 2021 ["Uudne meetod aitab põlevkivist keskkonnasõbralikumalt kemikaale ammutada"](#)

**Wet air oxidation of oil shale = Põlevkivi oksüdeerimine vees hapniku mõjul**

Kaldas, Kristiina 2021 [https://www.esther.ee/record=b5472528\\*est](https://www.esther.ee/record=b5472528*est) <https://digikogu.taltech.ee/et/item/7b9a99ef-0748-4eef-beb7-9f0ac88f5ddb> <https://doi.org/10.23658/taltech.59/2021>

**Wet air oxidation of oil shales-factors affecting dicarboxylic acids formation**

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 37 <http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

**Использование соединений включения мочевины с диметиловыми эфирами алифатических дикарбоновых кислот**

Aarna, Agu; Kann, Jüri; Männik, A. Сборник статей по химии и химической технологии. 17 1967 / с. 3-12 : илил [https://www.esther.ee/record=b2182175\\*est](https://www.esther.ee/record=b2182175*est) <https://digikogu.taltech.ee/et/item/7729329c-fcb4-4227-8663-3a21bf5c78ff>

**Исследование возможностей разделения смеси насыщенных алифатических дикарбоновых кислот : автореферат ... кандидата технических наук**

Kann, Jüri 1967 [http://www.esther.ee/record=b1520488\\*est](http://www.esther.ee/record=b1520488*est)

**Исследования в области очистки от примесей и концентрирования уксусной и пропионовой кислот методом солевой ректификации : (347 - процессы и аппараты химической технологии)**

Urba, Antanas 1968 [http://www.esther.ee/record=b2237497\\*est](http://www.esther.ee/record=b2237497*est)

**Исследования в области очистки от примесей и концентрирования уксусной и пропионовой кислот методом солевой ректификации : автореферат ... кандидата технических наук**  
Urba, Antanas 1968 [http://www.esther.ee/record=b1563779\\*est](http://www.esther.ee/record=b1563779*est)

**Ковалентная модификация белков и аминокислот иминоэфирами и производными карбоксильных кислот : автореферат ... кандидата химических наук (02.00.03)**  
Käärd, Arvo 1986 [https://www.esther.ee/record=b1520013\\*est](https://www.esther.ee/record=b1520013*est)

**Ковалентная модификация белков и аминокислот иминоэфирами и производными карбоксильных кислот : автореферат ... кандидата химических наук**  
Käärd, Arvo 1986 [https://www.esther.ee/record=b1520013\\*est](https://www.esther.ee/record=b1520013*est)

**О некоторых физико-химических свойствах растворов фенолята и натриевых солей карбоновых кислот**  
Raudsepp, Hugo Научная сессия 1947/48 уч. года : тезисы докладов 1948 / с. 27-28 [https://www.esther.ee/record=b1749673\\*est](https://www.esther.ee/record=b1749673*est)

**Об аномалиях кривых вязкости и активности водородного иона систем. Фенолят натрия, соли карбоновых кислот, сероводород, вода**  
Aarna, Agu Научная сессия 1947/48 уч. года : тезисы докладов 1948 / с. 27 [https://www.esther.ee/record=b1749673\\*est](https://www.esther.ee/record=b1749673*est)

**Окисление смеси ксилолов для получения ароматических дикарбоновых кислот : автореферат ... кандидата технических наук (05.17.04)**  
Velitskaja, Olga 1974 [http://www.esther.ee/record=b1329179\\*est](http://www.esther.ee/record=b1329179*est)

**Окисление смеси ксилолов для получения ароматических дикарбоновых кислот : диссертация ... кандидата технических наук по специальности 05.17.04 - технология тяжелого /или основного/ органического синтеза**  
Velitskaja, Olga 1973 [http://www.esther.ee/record=b2307432\\*est](http://www.esther.ee/record=b2307432*est)

**Применение газо-жидкостной хроматографии для анализа комплексов двухосновных алифатических карбоновых кислот с мочевиной**  
Aarna, Agu; Kann, Jüri; Virkus, Ants Сборник статей по химии и химической технологии. 15 1966 / с. 93-101 : илл [https://www.esther.ee/record=b2182115\\*est](https://www.esther.ee/record=b2182115*est) <https://digikogu.taltech.ee/et/item/55575f8e-02db-404e-8bef-28e158aa260b>

**Разделение диметиловых эфиров двухосновных алифатических карбоновых кислот ректификацией**  
Siirde, Enno; Kann, Jüri; Merendi, M. Сборник статей по химии и химической технологии. 15 1966 / с. 67-92  
[https://www.esther.ee/record=b2182115\\*est](https://www.esther.ee/record=b2182115*est) <https://digikogu.taltech.ee/et/item/55575f8e-02db-404e-8bef-28e158aa260b>

**Фирма Хейти Хяэля будет производить химикаты из сланцевой фенольной воды**  
Северное побережье 2024 / С. 3 <https://dea.digar.ee/article/severnojepob/2024/11/21/5.2>

**Фракционирования кристаллизация индивидуальных алифатических двухосновных карбоновых кислот с мочевиной из водного раствора**  
Aarna, Agu; Kann, Jüri Сборник статей по химии и химической технологии. 15 1966 / с. 103-115 : илл [https://www.esther.ee/record=b2182115\\*est](https://www.esther.ee/record=b2182115*est) <https://digikogu.taltech.ee/et/item/55575f8e-02db-404e-8bef-28e158aa260b>

**Фракционированная кристаллизация бинарных смесей двухосновных алифатических карбоновых кислот с мочевиной из водного раствора**  
Aarna, Agu; Kann, Jüri Сборник статей по химии и химической технологии. 15 1966 / с. 117-127 : илл [https://www.esther.ee/record=b2182115\\*est](https://www.esther.ee/record=b2182115*est) <https://digikogu.taltech.ee/et/item/55575f8e-02db-404e-8bef-28e158aa260b>

**Фракционированная кристаллизация двухосновных карбоксильных кислот в водной среде с мочевиной**  
Aarna, Agu; Kann, Jüri XX научная конференция, посвященная 25-летию Эстонской ССР 18-22 мая 1965 г. : тезисы и резюме 1965 / с. 92-93 [https://www.esther.ee/record=b1359832\\*est](https://www.esther.ee/record=b1359832*est)