

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

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

#### **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](http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf)

#### **Amination of quinolones**

Lippur, Kristin; Tiirik, Tõnis; Kudrjašova, Marina; Lopp, Margus; Kanger, Tõnis BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 125

#### **Amination of quinolones with morpholine derivatives**

Lippur, Kristin; Tiirik, Tõnis; Kudrjašova, Marina; Järving, Ivar; Lopp, Margus; Kanger, Tõnis Tetrahedron 2012 / p. 9550-9555 : ill <https://www.sciencedirect.com/science/article/pii/S004040201201472X>

#### **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](#)

#### **Analysis of metabolic organic acids for characterization of phosphate solubilizing fungi by capillary electrophoresis with indirect detection**

Kudrjašova, Marina; Zaplotina, T.; Vilu, Raivo; Kaljurand, Mihkel 100 Years of Chromatography : 3rd International Symposium on Separations in BioSciences : SBS 2003, Moscow, Russia 2003 / p. P-149

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

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

#### **Application of factor analysis to thermochromatography and protonation studies**

Kudrjašova, Marina 2000 [http://www.ester.ee/record=b1233805\\*est](http://www.ester.ee/record=b1233805*est)

#### **Asymmetric addition to aromatic unsaturated 1,4-diketones catalyzed by chichona alkaloid derivatives**

Žari, Sergei; Kudrjašova, Marina; Ören, Mario; Tamm, Toomas; Lopp, Margus; Kanger, Tõnis BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 207

#### **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 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 cascade synthesis of tetrahydrofuranyl spirooxindoles**

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

#### **Automation of the chromatographic experiment using labview graphical programming system**

Kudrjašova, Marina; Phillips, John B.; Kaljurand, Mihkel 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 34

#### **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 monitoring of microbial growth : determination of organic acids**

Kudrjašova, Marina; Tahkonen, Heli; Helmja, Kati; Kaljurand, Mihkel Proceedings of the Estonian Academy of Sciences.

**Capillary electrophoretic monitoring of products of enzymatic digestion of willow sawdust**

**Helmja, Kati**; Käsper, Andres; **Kudrjašova, Marina**; **Vaher, Merike** 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. 105 <https://www.etis.ee/Portal/Publications/Display/b8a916a7-4a4b-460f-a3de-eeede27394252>

**A chemoenzymatic synthesis of a deoxy sugar ester of N-Boc-protected L-tyrosine**

**Villo, Ly**; **Kreen, Malle**; **Kudrjašova, Marina**; **Metsala, Andrus**; **Tamp, Sven**; **Lille, Ülo**; **Pehk, Tõnis**; **Parve, Omar** Practical methods for biocatalysis and biotransformations. 2 2012 / p. 335-339  
<https://www.sciencedirect.com/science/article/pii/S1381117710002511>

**A chemoenzymatic synthesis of deoxy sugar esters involving stereoselective acetylation of hemiacetals catalyzed by CALB**

**Villo, Ly**; **Kreen, Malle**; **Metsala, Andrus**; **Tamp, Sven**; **Lille, Ülo**; **Pehk, Tõnis**; **Parve, Omar**; **Kudrjašova, Marina** Journal of molecular catalysis B : enzymatic 2011 / p. 44-51 <https://www.sciencedirect.com/science/article/abs/pii/S1381117710002511>

**Chemometrics of thermochromatograms**

**Ebber, Arkadi**; **Kudrjašova, Marina** 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 17

**Chemometrics on thermochromatography of inorganic salts : decomposition of thermochromatograms to chromatograms and thermograms using EFA and peak shape constrains**

**Elomaa, M.**; **Kaljurand, Mihkel**; **Koel, Mihkel**; **Kudrjašova, Marina** Thermochemica acta 1999 / p. 73-83

**Classification of polymeric materials by evolving factor analysis and PCA of thermochromatograms**

**Elomaa, M.**; **Lochmüller, Charles H.**; **Kudrjašova, Marina**; **Kaljurand, Mihkel** Thermochemica acta 2000 / 1/2, p. 137-144

**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](http://ecm29.ecanews.org/wp-content/uploads/10_Sandra_Kaabel.pdf)

**Cyclopropane-containing compounds in organocatalytic Michael reaction**

**Reitel, Kärt**; **Kudrjašova, Marina**; **Lopp, Margus**; **Kanger, Tõnis** BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 163

**Determination of carbohydrates in cellulose and enzymatically pretreated wood fractions using capillary electrophoresis**

**Vaher, Merike**; **Helmja, Kati**; **Käsper, Andres**; **Kudrjašova, Marina**; **Gorbatšova, Jelena**; **Kaljurand, Mihkel** Program and abstract book : Nordic Separation Science Society 6th Conference : Riga, Latvia, August 24th-27th, 2011 2011 / p. 98

**Development of mechanochemical c–n bond forming reactions**

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

**Effect of green co-solvents on properties and synthesis of cellulose esters in superbase ionic liquid**

**Tarasova, Elvira**; **Savale, Nutan Bharat**; **Trifonova, Lada**; **Krasnou, Illia**; **Reile, Indrek**; **Kudrjašova, Marina**; **Mere, Arvo**; **Kaljuvee, Tiit**; **Mikli, Valdek**; **Sedrik, Rauno**; **Krumme, Andres** Cellulose 2024 / p. 4911-4927 <https://doi.org/10.1007/s10570-024-05920-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enantioselective organocatalytic Michael addition to unsaturated indolyl ketones**

**Trubitsõn, Dmitri**; **Martõnova, Jevgenija**; **Kudrjašova, Marina**; **Erkman, Kristin**; **Järving, Ivar**; **Kanger, Tõnis** Organic letters 2021 / p. 1820-1824 <https://doi.org/10.1021/acs.orglett.1c00222> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enantioselective organocatalytic synthesis of 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](http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf)

**Evolved gas analysis of apatite materials using thermochromatography**

**Koel, Mihkel**; **Kudrjašova, Marina**; **Tõnsuaadu, Kaia**; **Peld, Merike**; **Veiderma, Mihkel** Thermochemica acta 1998 / 1, p. 25-32: ill

**Flow sampling in capillary electrophoresis with a pneumatically driven computerized sampler**

**Ebber, Arkadi; Ehala, Sille; Kudrjašova, Marina; Kulp, Maria; Vaher, Merike; Kaljurand, Mihkel** Proceedings of the Estonian Academy of Sciences. Chemistry 2004 / 1, p. 6-20 : ill [https://kirj.ee/wp-content/plugins/kirj/pub/chem-1-2004-6-20\\_20211021085440.pdf](https://kirj.ee/wp-content/plugins/kirj/pub/chem-1-2004-6-20_20211021085440.pdf)

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

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

**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](#)

**High-performance size exclusion chromatographic characterization of humic substances and dissolved organic matter from Baltic aquatic environment**

**Lepane, Viia; Kudrjašova, Marina** Oil shale 2001 / 4, p. 350-372 : ill [https://artiklid.elnet.ee/record=b1008453\\*est](https://artiklid.elnet.ee/record=b1008453*est)

**Indooli derivaatide enantioselektiivne N-alküleerimine**

**Trubitsõn, Dmitri; Kudrjašova, Marina; Kanger, Tõnis** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 42 : ill [https://www.ester.ee/record=b5208044\\*est](https://www.ester.ee/record=b5208044*est)

**Ioonsele vedelikule seotud bipiperidiini derivaadi süntees ja rakendus organokatalüüsis**

**Reitel, Kärt; Kudrjašova, Marina; Kanger, Tõnis** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 86 : ill

**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](#)

**Mechanochemical c–n bond forming reactions in the synthesis of active pharmaceutical ingredients**

**Kudrjašov, Artjom; Dalidovich, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 106 [Kogumik](#)

**Mechanochemical 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](#)

**Methylphosphonic acid as a <sup>31</sup>P-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](#)

**Morfoliini derivaatidega asendatud kinoloonide süntees**

**Lippur, Kristin; Kudrjašova, Marina; Kanger, Tõnis** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 57 : ill

**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

**Optimization and degradation studies of cellulose transesterification to palmitate esters in superbase ionic liquid**

**Savale, Nutan Bharat; Tarasova, Elvira; Krasnou, Illia; Kudrjašova, Marina**; Rjabovs, Vitālijs; Reile, Indrek; Heinmaa, I. A.; **Krumme, Andres** Carbohydrate Research 2024 / art. 109047 <https://doi.org/10.1016/j.carres.2024.109047> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Organocatalytic asymmetric addition of malonates to unsaturated 1,4-diketones**

**Žari, Sergei; Kailas, Tiit; Kudrjašova, Marina; Ören, Mario; Järving, Ivar; Tamm, Toomas; Lopp, Margus; Kanger, Tõnis** Beilstein journal of organic chemistry 2012 / p. 1452-1457 : ill <https://pubmed.ncbi.nlm.nih.gov/23019480/>

**Prediction and assignment of coupling constants of diastereomeric cyclopentane derivatives**

**Aav, Riina; Pehk, Tõnis; Tamp, Sven; Tamm, Toomas; Kudrjašova, Marina; Parve, Omar; Lopp, Margus** Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. 47

#### **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 thermoplastic cellulose esters in [mTBNH][OAC] ionic liquid by transesterification reaction**

**Tarasova, Elvira; Savale, Nutan Bharat; Krasnou, Illia; Kudrjašova, Marina; Rjabovs, Vitalijs; Reile, Indrek; Vares, Lauri;**

**Kallakas, Heikko; Kers, Jaan; Krumme, Andres** Polymers 2023 / art. 3979 <https://doi.org/10.3390/polym15193979> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Protecting-group-free mechanosynthesis of amides from hydroxycarboxylic acids : application to the synthesis of imatinib**

**Nikonovich, Tatsiana; Jarg, Tatsiana; Martõnova, Jevgenija; Kudrjašov, Artjom; Merzhyievskiy, Danylo; Kudrjašova, Marina; Gallou, Fabrice; Aav, Riina; Kananovich, Dzmitry** RSC Mechanochemistry 2024 / p. 189–195

<https://doi.org/10.1039/D4MR00006D>

#### **Protecting-Group-Free mechanosynthesis of amides from hydroxycarboxylic acids : application to the synthesis of Imatinib : preprint**

**Nikonovich, Tatsiana; Jarg, Tatsiana; Martõnova, Jevgenija; Kudrjašov, Artjom; Merzhyievskiy, Danylo; Kudrjašova, Marina; Gallou, Fabrice; Aav, Riina; Kananovich, Dzmitry** ChemRxiv 2023 / 26 p. : ill <https://doi.org/10.26434/chemrxiv-2023-d4nxx>

#### **rac-2,2'-Bipiperidine-1,1'-diium dibromide**

**Laars, Marju; Ausmees, Kerti; Kudrjašova, Marina; Kanger, Tõnis; Werner, Franz** Acta crystallographica section E : structure reports online 2011 / p. o1324 [https://www.researchgate.net/publication/51490648\\_rac-22%27-Bipiperidine-11%27-diium\\_dibromide](https://www.researchgate.net/publication/51490648_rac-22%27-Bipiperidine-11%27-diium_dibromide)

#### **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](#)

#### **Sapihapete ja prostaglandiinide derivaatide ja konjugaatide süntees ning nende mõju candida rugosa lipaasi aktiivsusele**

**Veskilt, Eva; Villo, Ly; Kudrjašova, Marina; Parve, Omar** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 108 : ill

#### **Scalable lipase-catalyzed synthesis of (R)-4-(Acyloxy)pentanoic acids from racemic $\gamma$ -valerolactone**

**Parve, Jaan; Kudrjašova, Marina; Shalima, Tatsiana; Villo, Ly; Liblikas, Ilme; Reile, Indrek; Pehk, Tõnis; Gathergood, Nicholas; Aav, Riina; Vares, Lauri; Parve, Omar** ACS sustainable chemistry & engineering 2021 / p. 1494–1499

<https://doi.org/10.1021/acssuschemeng.0c07918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Stereoselective Synthesis of $\gamma$ -(Acyloxy)Carboxylic Acids and $\gamma$ -Lactones Features the Switch of Stereopreference of CalB Along Sodium $\gamma$ -Hydroxycarboxylate Homologues**

**Parve, Jaan; Kudrjašova, Marina; Shalima, Tatsiana; Villo, Ly; Ferschel, Moonika; Niidu, Allan; Liblikas, Ilme; Reile, Indrek; Aav, Riina; Gathergood, Nicholas; Vares, Lauri; Pehk, Tõnis; Parve, Omar** European journal of organic chemistry 2023 / art. e202201329 <https://doi.org/10.1002/ejoc.202201329> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Stroboscopic sampling in comprehensive high-performance liquid chromatography-capillary electrophoresis via a pneumatic sampler**

**Ehala, Sille; Kaljurand, Mihkel; Kudrjašova, Marina; Vaher, Merike** Electrophoresis 2004 / p. 980-989 : ill

#### **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 thermoplastic cellulose esters in novel ionic liquid**

**Savale, Nutan Bharat; Tarasova, Elvira; Krasnou, Illia; Kudrjašova, Marina; Reile, Indrek; Krumme, Andres** Baltic Polymer Symposium, BPS2023 : programme and abstracts 2023 / p. 14

**Theoretical prediction and assignment of vicinal 1H–1H coupling constants of diastereomeric 3-alkoxy-6,7-epoxy-2-oxabicyclo[3.3.0]octanes**

**Aav, Riina; Pehk, Tõnis; Tamp, Sven; Tamm, Toomas; Kudrjašova, Marina; Parve, Omar; Lopp, Margus** Magnetic resonance in chemistry 2011 / p. 76-82 : ill <https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/full/10.1002/mrc.2712>

**Thermochromatographical analysis of polymer thermal decomposition: interpretation and classification by principal component analysis and related methods**

**Kudrjašova, Marina; Elomaa, M.; Kaljurand, Mihkel** Balaton Symposium'99 on High-Performance Separation Methods : September 1-3, 1999, Siófok, Hungary : book of abstracts 1999 / p. P-42

**Thermochromatography for evolved gas analysis of apatite materials**

**Kudrjašova, Marina; Tõnsuaadu, Kaia; Koel, Mihkel; Veiderma, Mihkel** HTC5 : Fifth International Symposium on Hyphenated Techniques in Chromatography and Hyphenated Chromatographic Analyzers, February 11-13, 1998, Brugge, Belgium : book of abstracts 1998 / p. F07 <https://www.sciencedirect.com/science/article/abs/pii/S0021967398004488>

**Thermochromatography for evolved gas analysis of apatite materials**

**Koel, Mihkel; Kudrjašova, Marina; Tõnsuaadu, Kaia; Veiderma, Mihkel** Journal of chromatography A 1998 / 1/2, p. 75-83

**Two-step conversion of carboxylic esters into distally fluorinated ketones: Via ring cleavage of cyclopropanol intermediates: Application of sulfinic salts as fluoroalkylating reagents**

**Konik, Yulia A.; Kudrjašova, Marina; Konrad, Nele; Kaabel, Sandra; Järving, Ivar; Lopp, Margus; Kananovich, Dzmitry** Organic and Biomolecular Chemistry 2017 / p. 4635-4643 : ill <https://doi.org/10.1039/c7ob00680b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)