

### **The Acidity of Weak NH Acids : Expanding the pKa Scale in Acetonitrile**

Lõkov, Märt; Keskküla, Carmen; Tshepelevitsh, Sofja; Pikma, Marta-Lisette; Saame, Jaan; Trubitsõn, Dmitri; Kanger, Tõnis; Leito, Ivo ACS Organic & Inorganic Au 2025 <https://doi.org/10.1021/acsorginorgau.4c00095>

### **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

### **Anchimeric assistance in the case of vicinal dimesylate : formation of enantiomeric or meso-biomorpholine**

Kanger, Tõnis; Laars, Marju; Kriis, Kadri; Kailas, Tiit; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Synthesis 2006 / 11, p. 1853-1857  
[https://www.researchgate.net/publication/239729268\\_Anchimeric\\_Assistance\\_in\\_the\\_Case\\_of\\_Vicinal\\_Dimesylate\\_Formation\\_of\\_Enantiomeric\\_or\\_meso\\_-Bimorpholine](https://www.researchgate.net/publication/239729268_Anchimeric_Assistance_in_the_Case_of_Vicinal_Dimesylate_Formation_of_Enantiomeric_or_meso_-Bimorpholine)

### **Aromaatsete amiinühendite fotokatalüütilisest lagundamisest**

Preis, Sergei; Kritševskaja, Marina; Hartšenko, Anna XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 110

### **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 Michael and aldol reactions mediated by cyclic amines = Asümmeetriline organokatalüütiline Michaeli ja aldoolreaktsioon tsükliliste amiinide toimetel**

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

### **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](https://www.ester.ee/record=b2590092*est)

### **Calculated tautomeric equilibria and X-ray structures of 2-substituted N-methoxy-9-methyl-9H-purin-6-amines**

Gundersen, Lise-Lotte; Görbitz, Carl Henrik; Neier, Liina; Roggen, Heidi; Tamm, Toomas Theoretical chemistry accounts 2011 / p. 349-359

### **Complete capillary electrophoresis process on a drone : towards a flying micro-lab**

Drevinskas, Tomas; Maruška, Audrius; Girdauskas, Valdas; Dūda, Gediminas; Gorbatošova, Jelena; Kaljurand, Mihkel Analytical Methods 2020 / p. 4977 - 4986 <https://doi.org/10.1039/d0ay01220c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Diastereoselective multicomponent cascade reaction leading to [3.2.0]-heterobicyclic compounds**

Ausmees, Kerti; Kriis, Kadri; Pehk, Tõnis; Werner, Franz; Järving, Ivar; Lopp, Margus; Kanger, Tõnis The journal of organic chemistry 2012 / p. 10680-10687 : ill <https://pubs.acs.org/doi/abs/10.1021/jo3019413>

### **Diastereoselective multicomponent cascade reaction leading to heterobicyclic heptanes**

Ausmees, Kerti; Kriis, Kadri; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 51 <https://pubs.acs.org/doi/abs/10.1021/jo3019413>

### **Electrochemical aziridination of internal alkenes with primary amines**

Ošeka, Maksim; Laudadio, Gabriele; van Leest, Nicolaas P.; Dyga, Marco; Bartolomeu, Aloisio de A.; Gooßen, Lukas J.; de Bruin, Bas; de Oliveira, Kleber T.; Noël, Timothy Chem 2021 / p. 255 - 266 <https://doi.org/10.1016/j.chempr.2020.12.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fenoolsete ja aromaatse[te] amiinühendite fotokatalüütiline oksüdatsioon saastatud vetes**

Preis, Sergei; Kritševskaja, Marina; Terentjeva, Jelena; Moiseev, Anna XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 134-135

### **Greener pharmaceutical synthesis via mechanochemical C–N bond formation**

Nikonovich, Tatsiana; Nallaparaju, Jagadeesh Varma; Jarg, Tatsiana; Kudrjašov, Artjom 13th Paul Walden Symposium : Program and abstracts 2023 / p. 52 [https://walden.osi.lv/wp-content/uploads/2023/09/Abstract\\_book\\_Walden\\_2023.pdf](https://walden.osi.lv/wp-content/uploads/2023/09/Abstract_book_Walden_2023.pdf)

### **Local ionization in 2-phenylethyl-N,N-dimethylamine : charge transfer and dissociation directly after ionization**

Weinkauff, R.; Lehr, L.; Metsala, Andrus Journal of physical chemistry A 2003 / p. 2787-2799  
<https://pubs.acs.org/doi/full/10.1021/jp021092c>

### **Mechanochemical C–N bond-forming reactions and their application in pharmaceutical synthesis = Mehhanokeemilised C–N sidemete tekkereaktsioonid ja nende rakendamine ravimite toimeainete sünteesil**

**Nikonovich, Tatsiana** 2024 <https://doi.org/10.23658/taltech.5/2024> <https://digikogu.taltech.ee/et/Item/0ee4407e-3c48-46cc-b96a-b082f42d9af9> [https://www.ester.ee/record=b5651597\\*est](https://www.ester.ee/record=b5651597*est)

#### **Mechanochemical nucleophilic substitution of alcohols via isouronium intermediates**

**Dalidovich, Tatsiana; Nallaparaju, Jagadeesh Varma; Shalima, Tatsiana; Aav, Riina; Kananovich, Dzmitry** ChemSusChem 2022 / art. e202102286 <https://doi.org/10.1002/cssc.202102286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**Kriis, Kadri; Ausmees, Kerti; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis** Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. 117 <https://pubs.acs.org/doi/10.1021/ol1005714>

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**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>

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#### **Photocatalytic oxidation of aromatic aminocompounds in aqueous solutions and groundwater from abandoned military bases**

**Preis, Sergei; Kritševskaja, Marina; Hartšenko, Anna** Water science and technology 1997 / p. 265-272 : ill [https://doi.org/10.1016/S0273-1223\(97\)00034-6](https://doi.org/10.1016/S0273-1223(97)00034-6)

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#### **Photocatalytical oxidation of aromatic aminocompounds in aquatic solutions and groundwater from abandoned military base**

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**Murre, Aleksandra; Mikli, Valdek; Erkman, Kristin; Kanger, Tõnis** iScience 2023 / art. 107822, 18 p. : ill <https://doi.org/10.1016/j.isci.2023.107822> [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 : 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>

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**Sepúlveda Del Rio Hamacek, Henrique; Bresolin, Igor Tadeu Lazzarotto; Fioravante, Igor Ferreira; Bueno, Sonia Maria Alves** Process Biochemistry 2023 / p. 199 - 209 <https://doi.org/10.1016/j.procbio.2023.06.021>

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