

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_-Biomorpholine

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 <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

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

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

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](#)

A novel diastereoselective multicomponent cascade reaction

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>

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>

Organocatalytic enantioselective transformations via diamines

Laars, Marju; Kanger, Tõnis; Kriis, Kadri; Lippur, Kristin; Lopp, Margus 15th European Symposium on Organic Chemistry : ESOC15 : 8-13 July 2007, Dublin (Ireland) : abstracts 2007 / ? p

Organokatalüütilised enantioselektiivsed reaktsioonid kiraalsete amiinide toimetel

Laars, Marju; Kriis, Kadri; Lippur, Kristin; Lopp, Margus; Kanger, Tõnis XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 72-73

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)

Photocatalytical oxidation of aromatic aminocompounds

Preis, Sergei; Kritševskaja, Marina; Hartšenko, Anna 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 120

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

Preis, Sergei; Kritševskaja, Marina; Hartšenko, Anna International Conference - Oxidation Technologies for Water and Wastewater Treatment / Clausthaler Umwelttechnik-Institut GmbH 1996 / [9] p.: ill

Primary amines as heterogeneous catalysts in an enantioselective [2,3]-Wittig rearrangement reaction

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>

Protocol for the preparation of primary amine-containing catalysts on the resin

Murre, Aleksandra; Erkman, Kristin; Kanger, Tõnis STAR protocols 2024 / art. 102933, 26 p. : ill <https://doi.org/10.1016/j.xpro.2024.102933> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rh(I)/chiral diamine induced transfer hydrogenation of ketones

Kanger, Tõnis; Kriis, Kadri; Lopp, Margus OMCOS 13 : 13th IUPAC International Symposium on Organometallic Chemistry directed towards Organic Synthesis : 17-21 July 2005, Geneva Switzerland : book of abstracts 2005 / p. P-323

Synthesis and characterization of chitosan-polyacrylamide cryogels for the purification of human IgG by IMAC

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>

Synthesis and use of 3,3'-bimorpholine derivatives in asymmetric Michael addition and intramolecular aldol reaction

Sulzer-Mosse, Sarah; Laars, Marju; Kriis, Kadri; Kanger, Tõnis; Alexakis, Alexandre Synthesis 2007 / 11, p. 1729-1732 <https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-2007-965966>

Synthesis of (2S,2"S)- and (3S,3"S)-bimorpholine

Kriis, Kadri; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : BOS 2002, Vilnius 2002 / p. P036

Synthesis of antithrombotic diamine

Peterson, Jaak; Allikmaa, Veiko; Pehk, Tõnis; Lopp, Margus 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 56

The hazard of N-nitrosamines formation during short chain secondary amines (DMA, MEA and DEA) reactions with catalyzed and non-catalyzed hydrogen peroxide [Electronic resource]

Andrzejewski, P.; Kulik, Niina Proceedings of the 10th International Conference on Environmental Science and Technology (CEST 2007) : Kos island, Greece, 5-7 September 2007 / p. A-45 - A-54 : ill. [CD-ROM]

Use of eluents of vanillic acid and N-methyldiethanolamine in nonsuppressed ion chromatography

Yakovleva, Irina; Haldna, Ülo; Kaljurand, Mihkel Proceedings of the Estonian Academy of Sciences. Chemistry 1998 / 1, p. 30-34: ill

Анализ продуктов реакции N-оксиметилкапролактама с фенолами и аминами методом спектроскопии ЯМР ИН

Christjanson, Peep; Suurpere, Aime; Oja, Holger Четвертая научная конференция по аналитической химии Прибалтийских республик, БССР и Калининградской области. Часть 1 : тезисы докладов 1982 / с. 132 https://www.ester.ee/record=b1265288*est

Влияние некоторых аминов и галогенидионов на растворение углеродистой стали в серной кислоте

Palgi, M.; Kallast, Vambola Тезисы докладов : [XXI] студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 27-29 марта 1975 г.] 1975 / с. 366 https://www.ester.ee/record=b1571620*est

Использование теории регулярных растворов для описания распределения фенолов и ароматических аминов между фазами воды и органического растворителя

Mölder, Leevi; Tamvelius, Hindrek Eesti NSV Teaduste Akadeemia toimetised. Keemia. Geoloogia = Известия Академии наук Эстонской ССР. Химия. Геология 1972 / с. 204-212 : илл., таб https://www.ester.ee/record=b1264554*est
<https://www.etera.ee/zoom/20660/view?page=1&p=separate&tool=info>

Исследование некоторых меркаптанов и аминов в качестве ингибиторов кислотной коррозии

Schächter, K.; Lohonyai, N.; Kallast, Vambola; Talimets, Ellen Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1983 / с. 95-100 : ил https://www.ester.ee/record=b1294037*est
<https://digikogu.taltech.ee/et/Item/ebe3de55-9448-4002-9aec-7e1ef9c57d96>

Исследование обесфеноливания сланцевой смолы водными растворами этаноламина : сообщение 2

Suurpere, Aime; Mölder, Leevi Технология органических веществ. 2 1970 / с. 77-86 : илл https://www.ester.ee/record=b1350307*est
<https://digikogu.taltech.ee/et/Item/a482beb1-6b8a-41a9-9418-160cec9ed58d>

Определение вторичных аминов в рыбных товарах

Kann, Jüri; Raja, Kristi Технология пищевых производств. 5 1975 / с. 57-62 https://www.ester.ee/record=b1475999*est
<https://digikogu.taltech.ee/et/Item/e1031011-bbc2-423b-b984-4190eebfcc82>

Определение летучих аминов в рыбных продуктах

Mägi, Kristi; Kask, Karl Вопросы повышения качества пищевых продуктов 1978 / с. 73-77
https://www.ester.ee/record=b1310804*est <https://digikogu.taltech.ee/et/Item/3da71f08-0316-4d42-a37f-4500bc8f2044>

Получение тетраэтилортотитаната [Ti(OC₂H₅)₄]

Piiraja, Eduard Технология органических веществ. 2 1970 / с. 65-76 : илл https://www.ester.ee/record=b1350307*est
<https://digikogu.taltech.ee/et/Item/a482beb1-6b8a-41a9-9418-160cec9ed58d>

Реакция амидометилирования. Сообщение 6 : Структура продуктов амидометилирования аминов

Lippmaa, Helle; Pehk, Tõnis; Christjanson, Peep; Siimer, Kadri Технология органических веществ. 8 1976 / с. 67-72
https://www.ester.ee/record=b1475761*est <https://digikogu.taltech.ee/et/Item/38b2a836-99da-4b82-8058-1c2084a10575>

Соконденсация формальдегида с мочевиной и аминами

Christjanson, Peep; Süld, Tiia; Suurpere, Aime Синтез и применение поликонденсационных клеев. 11 1988 / с. 3-14

Термическая стабильность химотрипсина с различной глубиной модификации аминокрупп

Jakunitskaja, L.M.; Köstner, Ado; Samartsev, M.A. Характеристика действия нативных и модифицированных ферментов 1983 / с. 67-77 : ил https://www.ester.ee/record=b1271714*est <https://digikogu.taltech.ee/et/Item/12bae568-2fd1-4c41-888f-7192241e718c>