

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

Alcoholysis of primary amides in the presence of CF₃SO₃H

Mastitski, 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

An assessment of alternative low level calculation methods for the initial selection of conformers of diastereomeric esters
Metsala, Andrus; Tamp, Sven; Danilas, Kady; Lille, Ülo; Villo, Ly; Vija, Sirje; Pehk, Tõnis; Parve, Omar Journal of theoretical chemistry 2014 / p. 1-10 : ill

Asymmetric Kulinkovich hydroxycyclopropanation of alkenes mediated by titanium(IV) TADDOLate complexes

Iskryk, Marharyta; Barysevich, Maryia; Ošeka, Maksim; Adamson, Jasper; Kananovich, Dzmitry Synthesis 2019 / p. 1935-1948 : ill <https://doi.org/10.1055/s-0037-1611709> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cellulose esters : sythesis in ionic liquid and characterization

Tarasova, Elvira; Šumigin, Dmitri; Krumme, Andres; Viikna, Anti Baltic Polymer Symposium 2012 : Liepaja, Latvia, September 19-22 : programme and proceedings 2012 / p. 66

A chemoenzymatic stereoselective synthesis of deoxy sugar esters of amino acids

Villo, Ly; Pehk, Tõnis; Parve, Omar Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. ?

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>

The effect of apple juice concentration on cider fermentation and properties of the final product

Rosend, Julia; Kaleda, Aleksei; Kuldjärv, Rain; Arju, Georg; Nisamedtinov, Ildar Foods 2020 / art. 1401, 12 p
<https://doi.org/10.3390/foods9101401> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 cyclopropanation of carboxylic esters with alkyl magnesium bromides in the presence of titanium(IV) (4R,5R)-TADDOLates

Konik, Yulia A.; Kananovich, Dzmitry; Kulinkovich, Oleg Tetrahedron 2013 / p. 6673-6678 : ill
<https://doi.org/10.1016/j.tet.2013.05.118> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estrite lipaaskatalüütiline enantioselektiivne hüdroolüüs : kineetiliste mõõtmiste tulemuste interpretatsioon

Parve, Omar; Metsala, Andrus; Lille, Ülo XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 99

Homokiraalsete struktuurielementide saamine ensümaatilise hüdroolüüsi teel

Parve, Omar; Sikk, Peeter; Lille, Ülo XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 105-106

A kinetic study of the reaction between diethyl ester of bisi aminoadipic acid and beta-alanine by the thermochemical method

Käard, Arvo; Köstner, Ado; Siimer, Enn Science tools : the LKB instrument journal 1986 / p. 24-26

Lipase-catalysed enantioselective hydrolysis of bicyclo[3.2.0]heptanol esters in supercritical carbon dioxide

Parve, Omar; Vallikivi, Imre; Lahe, Lilja; Metsala, Andrus; Lille, Ülo; Tõugu, Vello; Vija, Heiki; Pehk, Tõnis Bioorganic & medicinal chemistry letters 1997 / 7, p. 811-816

Lipase-catalysed enantioselective hydrolysis of esters : interpretation of the kinetic results

Parve, Omar; Metsala, Andrus; **Lille, Ülo** 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 109

Mandelic acid derived ionic liquids: synthesis, toxicity and biodegradability

Prydderch, Hannah; Haiß, Annette; Spulak, Marcel; Quilty, Brid; Kümmerer, Klaus; Heise, Andreas; **Gathergood, Nicholas** RSC advances 2017 / p. 2115-2126 : ill <https://doi.org/10.1039/c6ra25562k> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Negatiivsed aktivatsioonienergiad estrite aminolüüsil

Tuulmets, A.; Talvik, A. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 143-145

Novel softwood lignin esters as advanced filler to PLA for 3D printing

ACS omega 2024 / p. 44559-44567 <https://doi.org/10.1021/acsomega.4c06680> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

O-alkylation of hydroxycarboxylic acids with (-)-menthyl bromoacetate affords bridged diastereomeric esters

Veskilt, Eva; Tamp, Sven; Parve, Jaan; Vares, Lauri; Pehk, Tõnis; **Villo, Ly; Parve, Omar** BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 194

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](#)

Project E-30 : utilization of cube wastes of esters distillation and car waste oils

Kuusk, A.; **Kallast, Vambola** Baltic eco news 1992 / 1, p. 5

Quantitative structure-activity relationship (QSAR) modeling of EC50 of aquatic toxicities for Daphnia magna

Katritzky, Alan R.; Slavov, Svetoslav H.; Stoyanova-Slavova, Iva B.; **Kahn, Iiris; Karelson, Mati** Journal of toxicology and environmental health. Part A, Current issues 2009 / 19, p. 1181-1190 : ill <https://pubmed.ncbi.nlm.nih.gov/20077186/>

Stereoselective chemoenzymatic synthesis of deoxy sugar esters involving Candida antarctica lipase B =

Desoksüsuhkru estrite stereoselektiivne kemoensümaatiline süntees kasutades Candida antarctica lipaasi B **Villo, Ly** 2008 https://www.ester.ee/record=b2393878*est

Stereospecific synthesis of cyclic sulfite esters with sulfur-centered chirality via diastereoselective strategy and intramolecular H-Bonding assistance

Hu, Xiaoyun; Yin, Zhongyou; Guo, Jianxin; Adamson, Jasper; Fujiki, Michiya; **Borovkov, Victor** Journal of Organic Chemistry 2021 / p. 379 - 387 <https://doi.org/10.1021/acs.joc.0c02147> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Substituendi efektid alküülbensoaatide leeliselisel hüdrolüüsil

Piirsalu, M.; Nummert, V. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 106

Sustainable routes for synthesis of fatty acid cellulose esters

Krumme, Andres Baltic Polymer Symposium 2024 : 22nd International Scientific Conference, September 17-19, 2024, Birštonas, Lithuania : Book of abstracts 2024 / p. 21 <https://doi.org/10.5755/e01.3030-1378.2024>

Sustituent effects in alkaline hydrolysis of alkyl benzoates

Piirsalu, M.; Nummert, V. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 116

Switched enantiopreference of Humicola lipase for 2-phenoxyalkanoic acid ester homologs can be rationalized by different substrate binding modes

Berglund, P.; **Vallikivi, Imre;** Fransson, Linda; Dannacher, H.; Holmquist, M.; Martinelle, M.; Björkling, F.; Parve, Omar; Hunt, K. Tetrahedron : asymmetry 1999 / p. 4191-4202 <https://www.sciencedirect.com/science/article/pii/S0957416699004383>

Synthesis of 3,4-dideoxy ribose esters: a novel chemoenzymatic approach to synthesis of activated, extended-chain glycoconjugates

Villo, Ly; Danilas, Kady; Metsala, Andrus; Pehk, Tõnis; Parve, Omar International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 164

Synthesis of deoxy sugar esters : a chemoenzymatic stereoselective approach affording deoxy sugar derivatives also in the form of aldehyde

Villo, Ly; Danilas, Kady; Metsala, Andrus; Kreen, Malle; Vallikivi, Imre; Vija, Sirje; **Pehk, Tõnis;** Luciano, Saso; **Parve, Omar** Journal of organic chemistry 2007 / p. 5813-5816 <https://pubs.acs.org/doi/10.1021/jo062640b>

A synthesis of deoxy sugar esters. Stereoselective acetylation of hemiacetals by CALB

Villo, Ly; Metsala, Andrus; Tamp, Sven; Pehk, Tõnis; Parve, Omar Biotrans 2011 : Itaalia, Giardini Naxos, 02.-05.10.2011 2011

Synthesis of vicinal amino alcohols from tartaric ester

Ausmees, Kerti; Kulper, Kärt; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 54

Tasakaalu arvutamises süsteemides "ester-alkohol-vesi"

Bluman, E.; Mölder, Leevi XXIX vabariiklik üliõpilaste teaduslik- tehniline konverents 30. märtsist - 1. aprillini 1977 : ettekannete teesid 1977 / lk. 92 https://www.ester.ee/record=b2449987*est

Tensile and surface hydrophobicity investigation of the novel synthesized cellulose derivative films

Kallakas, Heikko; Kilumets, Catherine; Tarasova, Elvira; Krasnou, Illia; Savest, Natalja; Gudkova, Viktoria; Ahmadian, Iman; Krumme, Andres; Kers, Jaan Research Square 2022 / 13 p <https://doi.org/10.21203/rs.3.rs-2191830/v1>

The effect of cidermaking practices on ester production by yeast = Siidri valmistamise tingimuste mõju estrite tootmisele pärmide poolt

Rosend, Julia 2021 https://www.ester.ee/record=b5453385*est <https://digikogu.taltech.ee/et/Item/20a90baf-63ea-4dc3-9d59-3278f74798b5> <https://doi.org/10.23658/taltech.44/2021>

Об определении простого ароматического эфира бензо - β нафтол-2,3-d-фурана в сланцевой смоле

Eisen, Olaf Сборник статей по химии и технологии горючего сланца. 4 1958 / с. 152-156 : ил https://www.ester.ee/record=b2181270*est <https://digikogu.taltech.ee/et/Item/9e663eaf-55f5-4ab2-9ec1-85514c07981d>

Two-step conversion of carboxylic esters into distally fluorinated ketones: Via ring cleavage of cyclopropanol intermediates: Application of sulfinate 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](#)

Газохроматографическое определение термодинамических функций растворения кетонов и простых эфиров

Aarna, Agu; Mölder, Leevi; Ebber, Arkadi Журнал прикладной химии 1979 / с. 1640-1642 https://www.ester.ee/record=b1182398*est

Иммобилизация ферментов в пленку целлоидина с помощью диэтилового эфира бисиминоадипиновой кислоты

Voitk, Reet; Käär, Arvo Вопросы повышения качества пищевых продуктов 1986 / с. 75-82

Иммобилизация ферментов иминоэфирами и азидами оксикислот на органоминеральном носителе

Käär, Arvo; Kreen, Malle; Pappel, Kaie Физико-химические характеристики биокатализаторов 1986 / с. 55-66

Иммобилизация химотрипсина на полидииминоэфире

Käär, Arvo Прикладные биокаталитические процессы 1989 / с. 10-15

Исследование методов синтеза виниловых эфиров фенол-формальдегидных смол : сообщение 4 :

Исследование методов синтеза виниловых эфиров фенол-формальдегидных смол, полученных на базе однокислотных фенолов сланцевой смолы

Suurthal, Aarne; Raudsepp, Hugo Технология органических веществ. 4 1971 / с. 57-68 : илл https://www.ester.ee/record=b1426989*est <https://digikogu.taltech.ee/et/Item/6cf05bc0-20ed-4094-8c16-49aab62a9010>

Кинетика модификации аминокислот бисиминоэфирами и диальдегидами

Köstner, Ado; Käär, Arvo; Pappel, Kaie Шестой Всесоюзный симпозиум по химии белков и пептидов : тезисы докладов 1983 / с. 130 https://www.ester.ee/record=b3799126*est

Модификация белковых веществ иминоэфирами. Сообщ. 3, Микрокалориметрическое исследование кинетики реакции гидролиза иминоэфиров

Käär, Arvo; Siimer, Enn Физико-химические характеристики биокатализаторов 1986 / с. 47-53

Определение предельных коэффициентов активности сложных эфиров в неполярных растворителях

Aarna, Agu; Mölder, Leevi; Ebber, Arkadi Журнал прикладной химии 1978 / с. 1359-1363 : ил https://www.ester.ee/record=b1182398*est

Предельные коэффициенты активности органических соединений в некоторых фенолах, кетонах и эфирах

Mölder, Leevi; Metlitskaja, Olga Журнал прикладной химии 1985 / с. 1928-1930 https://www.ester.ee/record=b1182398*est

Экстракция сложных эфиров предельными органическими растворителями

Aarna, Agu; Mölder, Leevi; Ebber, Arkadi Журнал прикладной химии 1977 / с. 2604-2605 https://www.ester.ee/record=b1182398*est

